

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during

OCTOBER, NOVEMBER, DECEMBER 1990

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

April 1991

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737
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1990
Oct.-Dec

DIVISION OF RESEARCH GRANTS

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INFORMATION SYSTEMS BRANCH

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NIH NEW GRANTS AND AWARDS

OCTOBER, NOVEMBER, DECEMBER 1990

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National Institutes of Health

Department of Health and Human Services
Public Health Service

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

INFORMATION SYSTEMS BRANCH

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K14	MINORITY SCHOOL FACILITY DEVELOPMENT AWARD	S06	MINORITY BIOMEDICAL SUPPORT--MBS (NCRR)
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N43	SMALL BUSINESS INNOVATION RESEARCH (SBIR)--PHASE I	S15	SMALL INSTRUMENTATION PROGRAM
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		T34	MARC UNDERGRADUATE NSA INSTITUTIONAL GRANTS TRAINING
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		U10	COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)

ADMINISTERING ORGANIZATIONAL CODES

AG	National Institute on Aging
AI	National Institute of Allergy and Infectious Diseases
AR	National Institute of Arthritis and Musculoskeletal and Skin Diseases
CA	National Cancer Institute
CB	Division of Cancer Biology and Diagnosis
CM	Division of Cancer Treatment
CN	Division of Cancer Prevention and Control
CO	Office of the Director, NCI
CP	Division of Cancer Etiology
CL	Clinical Center
CT	Division of Computer Research and Technology
DC	National Institute on Deafness and Other Communication Disorders
DE	National Institute of Dental Research
DK	National Institute of Diabetes and Digestive and Kidney Diseases
ES	National Institute of Environmental Health Sciences
EY	National Eye Institute
GM	National Institute of General Medical Sciences
HD	National Institute of Child Health and Human Development
HG	National Center for Human Genome Research
HL	National Heart, Lung, and Blood Institute
HB	Division of Blood Diseases and Resources
HC	Division of Epidemiology and Clinical Applications
HI	Division of Intramural Research
HO	Office of the Director, NHLBI
HR	Division of Lung Diseases
HV	Division of Heart and Vascular Diseases
LM	National Library of Medicine
OD	Office of the Director, NIH
DS	Division of Safety
NR	National Center for Nursing Research
NS	National Institute of Neurological Disorders and Stroke
RG	Division of Research Grants
RR	National Center for Research Resources
RS	Division of Research Services
TW	Fogarty International Center

GRANTS AND AWARDS ANNOUNCED DURING OCTOBER, NOVEMBER & DECEMBER 1990

ICD	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	0	0	2	271,105	0	0	0	0	1	22,700	0	0	0	0
AI	68	9,965,943	2	126,550	8	4,855,330	0	0	4	107,950	0	0	0	0
AR	3	295,456	0	0	0	0	0	0	0	0	0	0	0	0
CA	70	12,382,865	0	0	0	0	0	0	1	20,000	0	0	0	0
CM	0	0	0	0	4	1,423,199	0	0	0	0	0	0	0	0
CO	0	0	0	0	23	626,464	0	0	0	0	0	0	0	0
CP	0	0	0	0	4	1,097,962	0	0	0	0	0	0	0	0
DC	20	2,812,140	0	0	0	0	0	0	3	75,300	0	0	0	0
DE	7	839,792	0	0	0	0	0	0	0	0	0	0	0	0
DK	23	3,205,445	5	365,940	1	211,263	0	0	1	28,000	0	0	0	0
ES	2	338,524	0	0	1	450,988	0	0	1	29,900	0	0	0	0
EY	24	3,816,042	1	65,664	0	0	0	0	0	0	0	0	0	0
GM	103	15,594,928	0	0	0	0	0	0	48	1,161,100	0	0	0	0
HD	6	646,214	1	66,096	4	1,302,714	0	0	10	258,400	0	0	0	0
HG	6	1,286,721	0	0	0	0	0	0	0	0	0	0	0	0
HL	63	13,942,988	8	568,204	0	0	0	0	0	0	0	0	0	0
HV	0	0	0	0	12	333,024	0	0	0	0	0	0	0	0
LM	0	0	0	0	1	61,100	0	0	0	0	0	0	0	0
NR	1	94,537	0	0	0	0	0	0	5	64,000	0	0	0	0
NS	33	6,623,690	3	217,778	0	0	0	0	0	0	0	0	0	0
OD	0	0	0	0	1	107,470	0	0	0	0	0	0	0	0
RR	1	55,126	0	0	0	0	0	0	0	0	0	0	0	0
TW	0	0	0	0	0	0	0	0	6	121,261	0	0	0	0
TOTALS	430	71,900,411	22	1,681,337	59	10,469,514	0	0	80	1,888,611	0	0	0	0

*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA BIRMINGHAM			
UNIVERSITY OF ALABAMA	SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM		
1R01 HL44668-01A1	BROUILLETTE, WAYNE J	RIGID CARNITINE ANALOGS: CARNITINE ACYLTRANSFERASE PROBE	107,740
1R01 HL44480-01A1	GIANTURCO, SANDRA H	DISTINCT HUMAN MACROPHAGE RECEPTOR FOR ABNORMAL VLDL	302,389
1R01 NS28518-01A1	HALSEY, JAMES H, JR	REPERFUSION AND ISCHEMIC BRAIN NECROSIS	108,106
1R01 GM44088-01A1	KIDD, VINCENT J	CHARACTERIZATION OF A CELL DIVISION CONTROL RELATED GENE	138,246
1R01 DE09691-01	RUSSELL, MICHAEL W	SALIVARY IGA ANTIBODIES IN ORAL DEFENSE	117,300
1R01 HL44408-01A1	SMITH, JEFFREY B	SODIUM-CALCIUM EXCHANGE IN VASCULAR SMOOTH MUSCLE	125,272
INSTITUTION TOTAL	6		
CITY TOTAL	6		
STATE TOTAL	6		
ARIZONA TEMPE			
ARIZONA STATE UNIVERSITY			
1R13 HG00265-01	KARJALA, DENNIS S	LEGAL RESEARCH AGENDA FOR THE HUMAN GENOME INITIATIVE	91,318
INSTITUTION TOTAL	1		
CITY TOTAL	1		
TUCSON			
UNIVERSITY OF ARIZONA			
1R29 CA53449-01	EMERSON, SCOTT S	GROUP SEQUENTIAL METHODS FOR CLINICAL TRIALS	75,788
1R01 GM45443-01	PARKER, ROY R	REGULATION OF MRNA TURNOVER IN YEAST	138,688
1R01 GM44855-01	RYKOWSKI, MARY C	HIGH RESOLUTION INTERPHASE CHROMOSOME STRUCTURE	154,727
1R01 GM45276-01	WEINERT, TED A	GENETIC CONTROL OF CELL CYCLE ARREST AFTER DNA DAMAGE	135,108
INSTITUTION TOTAL	4		
CITY TOTAL	4		
STATE TOTAL	5		
CALIFORNIA BERKELEY			
HRI ASSOCIATES			
1R43 AI30858-01	CIMINO, GEORGE D	METHODS FOR PCR SAMPLE PREPARATION: TARGET CAPTURE	49,950
INSTITUTION TOTAL	1		

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
CALIFORNIA				
BERKELEY				
UNIVERSITY OF CALIFORNIA AT BERKELEY				
1R29 CA51841-01A1	BARCELLOS-HOFF, MARY H			102,501
1R01 HG00263-01	KING, MARY C			157,165
1R01 EY08882-01	SCHOR, CLIFTON M	STROMAL INFLUENCE ON EXPRESSION OF PRENEOPLASIA SEQUENCING MIDNA FOR HUMAN IDENTIFICATION		79,672
1R01 GM45244-01	ZAMBRYSKI, PATRICIA C	DISPARITY PROCESSING IN SENSORY AND MOTOR VISUAL SYSTEMS PLANT VIRUS PROTEINS TO PROBE PLASMADESMATA FUNCTION		111,690
INSTITUTION TOTAL		4	451,028	
UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY				
1R01 CA53711-01	LIBURDY, ROBERT P	HIGH-FIELD NMR BIOEFFECTS--LYMPHOCYTE CA2+ METABOLISM		303,064
INSTITUTION TOTAL		1	303,064	
CITY TOTAL		6	804,042	
DAVIS				
UNIVERSITY OF CALIFORNIA AT DAVIS				
1R01 HD27699-01	ACREDILO, CURT R	COGNITIVE UNCERTAINTY AND COGNITIVE DEVELOPMENT		95,558
1R29 GM44074-01A1	LEARNED, ROBERT M	MOLECULAR GENETICS OF HMG COA REDUCTASE IN ARABADOPSIS		42,080
1R01 CA53394-01	PRIVALSKY, MARTIN L	MECHANISM OF ACTION OF THE V-ERB A ONCOGENE OF AEV		120,505
INSTITUTION TOTAL		3	258,143	
CITY TOTAL		3	258,143	
DUARTE				
CITY OF HOPE NATIONAL MEDICAL CENTER				
1R01 CA50618-01A2	SCANLON, KEVIN J	DEVELOPMENT OF A FOS RIBOZYME		139,074
INSTITUTION TOTAL		1	139,074	
PHRASOR SCIENTIFIC, INC.				
1R43 GM45656-01	MAHONEY, JOHN F	HEAVY CLUSTER IMPACT DESORPTION OF LARGE MOLECULES		50,000
INSTITUTION TOTAL		1	50,000	
CITY TOTAL		2	189,074	
IRVINE				
UNIVERSITY OF CALIFORNIA AT IRVINE				
1R01 GM45209-01	BURGESS, BARBARA K	SITE DIRECTED MUTAGENESIS OF AZOTOBACTER FERREDOXIN I		369,610
1R01 GM44400-01A1	DITTA, GARY S	OXYGEN REGULATION OF SYMBIOTIC GENES IN RHIZOBIUM		151,615
1R01 AI24779-01A3	RODRIGUEZ, ELOY	CHEMICAL STUDIES OF NOVEL SULFUR CONTAINING ANTIBIOTICS		188,915
INSTITUTION TOTAL		3	710,140	

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
CITY TOTAL	3	710,140		
CALIFORNIA				
LIVERMORE				
UNIVERSITY OF CALIFORNIA-LAWRENCE LIVERMORE NATIONAL LABORATORY				
1R01 GM42817-01A1	DEAN, PHILLIP N		THREE-DIMENSIONAL IMAGE PROCESSING AND ANALYSIS	240,993
INSTITUTION TOTAL	1	240,993		
CITY TOTAL	1	240,993		
LOS ANGELES				
CHILDREN'S HOSPITAL OF LOS ANGELES				
1R01 HL44060-01A1	WARBURTON, DAVID		DEVELOPMENTAL TYPE II PNEUMOCYTE PROTEIN PHOSPHORYLATION	256,015
INSTITUTION TOTAL	1	256,015		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
1R29 DC00945-01	ANDREWS, JAMES C		VESTIBULAR FUNCTION AND PRESSURE IN HYDROPS	112,692
1R01 EY08313-01A2	DEMER, JOSEPH L		BIOMECHANICAL ANALYSIS IN STRABISMUS SURGERY	164,446
1R01 AI29470-01A1	MORRISON, SHERIE L		GLYCOSYLATION AND ANTIBODY FUNCTION	136,660
INSTITUTION TOTAL	3	413,798		
UNIVERSITY OF SOUTHERN CALIFORNIA				
1R01 HL45005-01	BLANKENHORN, DAVID H		THREE VESSEL RISK FACTOR ANALYSIS COMPLETION OF CLAS	319,862
1R01 HL42932-01A1	DwyER, JAMES H		DIETARY CALCIUM AND PREVENTION OF HYPERTENSION IN BLACKS	382,320
1R01 CA49987-01A2	EPSTEIN, ALAN L		TUMOR NECROSIS TREATMENT OF HUMAN CANCER	206,674
1R01 EY09031-01	KAN-MITCHELL, JUNE		CYTOLYTIC T CELLS IN UVEAL MELANOMA	148,971
1R01 CA51729-01A1	NATHWANI, BHARAT N		CLINICAL TRIALS OF EXPERT SYSTEM ON LYMPH NODE PATHOLOGY	327,709
1R29 AR40409-01A1	TUAN, TAI-LAN		FIBRIN GEL CONTRACTION & MATRIX SYNTHESIS BY FIBROBLASTS	115,457
INSTITUTION TOTAL	6	1,500,993		
CITY TOTAL	10	2,170,806		
PALO ALTO				
PARAVAX, INC.				
1R43 AI30834-01	XIONG, CHENG		VACCINE POTENTIAL OF TOXOPLASMA GONDII RECOMBINANT P30	49,809
INSTITUTION TOTAL	1	49,809		
CITY TOTAL	1	49,809		

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY 1R01 NS29194-01 1R01 GM45162-01	LAURENT, GILLES J REES, DOUGLAS C	INTRINSIC AND NETWORK PROPERTIES OF LOCAL INTERNEURONS CRYSTALLOGRAPHIC STUDIES OF ELECTRON TRANSFER PROTEINS	160,013 247,208
INSTITUTION TOTAL CITY TOTAL	2 2		407,221 407,221
RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE 1R01 HL44583-01A1 1R01 GM45144-01	BERS, DONALD M CLEGG, MICHAEL T	ACTION OF CA-CHANNEL AGONIST BAY K 8644 ON THE SR PROCESS OF PLANT MOLECULAR EVOLUTION	141,010 179,480
INSTITUTION TOTAL CITY TOTAL	2 2		320,490 320,490
SAN DIEGO LA JOLLA CANCER RESEARCH FOUNDATION 1R01 CA51377-01A1 1R01 AI30656-01	KOHJI, YOSHINORI MAKI, RICHARD A	REACTION OF CARCINOGENS WITH DNA AND BIOLOGICAL EFFECTS CHARACTERIZATION OF AN ETS RELATED TRANSCRIPTION FACTOR	261,148 223,712
INSTITUTION TOTAL	2		484,860
MEDICAL BIOLOGY INSTITUTE 1R01 GM44171-01A1	KLEINFELD, ALAN M	TRANSPORT OF FREE FATTY ACIDS ACROSS MODEL MEMBRANES	126,879
INSTITUTION TOTAL	1		126,879
SCRIPPS CLINIC AND RESEARCH FOUNDATION 1R29 GM45607-01 1R01 AI29566-01A1 1R01 AI30580-01 1R01 AI30882-01	BASHFORD, DONALD E BUCHMEIER, NANCY A HOGLE, JAMES M JOYCE, GERALD F	THEORETICAL STUDIES OF PROTEIN ELECTROSTATICS SALMONELLA PROTEINS NEEDED FOR SURVIVAL IN MACROPHAGES STRUCTURE OF POLIOVIRUS/ANTIVIRAL DRUG COMPLEXES EVOLUTIONARY ENGINEERING OF ANTI-HIV-1 RIBOZYMES	97,494 157,853 157,514 196,377
INSTITUTION TOTAL	4		609,238
UNIVERSITY OF CALIFORNIA AT SAN DIEGO 1R01 HL44689-01A1 1R01 HL45897-01	LANGER, ROBERT D WALDMAN, LEWIS K	PREDICTORS OF CARDIOVASCULAR DISEASE IN THE ELDERLY DISTRIBUTED ELECTROMECHANICS OF THE BEATING HEART	84,625 123,812
INSTITUTION TOTAL CITY TOTAL	2 9		208,437 1,429,414

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

CALIFORNIA

SAN FRANCISCO

SMITH-KETITLEWELL EYE RESEARCH FOUNDATION
1R01 EY07890-01A3 TYLER, CHRISTOPHER W

INSTITUTION TOTAL 1 214,871

CONTRAST, DISPARITY AND STEREOPSIS

214,871

UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO

1R01 EY08835-01 ALVARADO, JORGE A
1R01 GM45335-01 COFFINO, PHILIP
1R01 GM42230-01A2 GIACOMINI, KATHLEEN M
1R29 AI30559-01 GOLDFIEN, ROBERT D
1R01 GM41639-01A1 JAMES, THOMAS L
1R01 AI29882-01A2 LEECH, JAMES H
1R29 HL45664-01 LESH, MICHAEL D
1R01 HL45480-01 LINGAPPA, VISHWANATH R
1R01 AI30663-01 LOCKSLEY, RICHARD M
1R01 EY08905-01 NGUYEN, THAI D
1R01 CA53250-01 PYTELA, ROBERT
1R29 AI29457-01A1 SAKANARI, JUDY A
1R29 GM45543-01 SEGAL, MARK R
1R01 AI29432-01A1 STEPHENS, RICHARD S
1R01 AI30475-01 WANG, CHING C

INSTITUTION TOTAL 15 2,254,727
CITY TOTAL 16 2,469,598

USE OF WOUND HEALING RETARDANTS IN GLAUCOMA SURGERY
PRODUCT MEDIATED REGULATION OF ORNITHINE DECARBOXYLASE
CELLULAR MECHANISMS OF DRUG TRANSPORT IN CHOROID PLEXUS
ROLE OF PHOSPHOLIPASE C IN T CELL ACTIVATION
PROTEIN STRUCTURE VIA ANALYSIS OF 2D NMR SPECTRA
MOLECULAR BIOLOGY OF CRYPTOSPORIDIUM
REENTRY IN A COMPUTER MODEL OF HETEROGENOUS MYOCARDIUM
MOLECULAR MECHANISMS OF APOLIPOPROTEIN B BIOGENESIS
CD4+ T CELL RECEPTORS IN LEISHMANIASIS
HTM STEROID INDUCTIONS BY CLONING METHODS
INTEGRIN DISTRIBUTION AND FUNCTION IN TUMOR CELLS
CHARACTERIZATION OF THE SERINE PROTEASE FROM ANISAKIS
TREE-STRUCTURED METHODS FOR LONGITUDINAL & SURVIVAL DATA
MICROBIOLOGY OF CHLAMYDIA TRACHOMATIS DEVELOPMENT
DOUBLE-STRANDED RNA VIRUSES IN TRICHOMONAS & GIARDIA

239,832
140,073
119,809
78,900
115,039
172,567
122,653
186,011
210,944
231,567
81,877
82,135
81,354
199,572
192,394

SANTA BARBARA

UNIVERSITY OF CALIFORNIA AT SANTA BARBARA

1R01 DC00060-01A1 INGHAM, ROGER J
1R01 GM40287-01A3 LIPSHUTZ, BRUCE H
1R01 CA53105-01 MORSE, DANIEL E
1R01 EY08415-01A1 REESE, BENJAMIN E

INSTITUTION TOTAL 4 631,013
CITY TOTAL 4 631,013

226,243
124,092
164,833
115,845

SANTA CRUZ

UNIVERSITY OF CALIFORNIA AT SANTA CRUZ

1R01 GM45316-01 FINK, ANTHONY L

INSTITUTION TOTAL 1 196,221
CITY TOTAL 1 196,221

ROLE OF HEAT SHOCK PROTEINS IN PROTEIN FOLDING

196,221

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CALIFORNIA			
STANFORD			
STANFORD UNIVERSITY			
1R01 GM45355-01	HOGNESS, DAVID S	HORMONAL CONTROL OF GENETIC HIERARCHIES IN DEVELOPMENT	187,872
1R01 GM43977-01A1	KIM, STUART K	GENETIC CONTROL OF VULVAL CELL FATES IN C ELEGANS	187,538
1R01 AI30363-01A1	MOCARSKI, EDWARD S	CYTOMEGALOVIRUS PATHOGENESIS IN IMMUNODEFICIENCY	189,959
1R01 HL45533-01	RAFFIN, THOMAS A	MECHANISMS OF PROTECTION AGAINST ACUTE LUNG INJURY	201,791
1R01 NS27292-01A2	STEINBERG, GARY K	NMDA ANTAGONISTS IN THE TREATMENT OF STROKE	215,011
1R01 GM45441-01	WILLARD, HUNTINGTON F	MOLECULAR GENETICS OF HUMAN X CHROMOSOME INACTIVATION	254,405
INSTITUTION TOTAL	6		187,872
CITY TOTAL	6		187,538
STATE TOTAL	66		189,959
			201,791
			215,011
			254,405
COLORADO			
BOULDER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO			
1R01 AI30726-01	PARDI, ARTHUR	STRUCTURES OF RIBOZYMES THAT CAN CLEAVE TARGETED RNAS	142,953
INSTITUTION TOTAL	1		142,953
CITY TOTAL	1		142,953
DENVER			
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY			
1R01 AI30575-01	FINKEL, TERRI H	MEDICINE	137,887
1R01 DK43285-01	KELLER, GORDON M	SIGNAL TRANSDUCTION EVENTS OF SELECTION AND TOLERANCE	153,641
		NATIONAL JEWISH CENTER/IMMUNOLOGY & RESPIRATORY MEDICINE	
INSTITUTION TOTAL	2		137,887
			153,641
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO			
1R29 GM45396-01	HOOPER, JOAN E	HEALTH SCIENCES CENTER	99,538
1R01 HL45745-01	MILLER, YORK E	CELL INTERACTIONS ORGANIZING THE INSECT SEGMENT	148,072
1R29 NS29046-01	WILCOX, CHRISTINE L	GASTRIN RELEASING PEPTIDE RECEPTOR ANALYSIS IN THE LUNG	101,196
		HSV LATENCY IN NEURONS	
INSTITUTION TOTAL	3		99,538
CITY TOTAL	5		148,072
			101,196
DILLON			
KEYSTONE CENTER			
1R13 HL47232-01	FOX, C FRED	CONFERENCE ON MOLECULAR MECHANISMS OF VASCULAR DISEASES	4,795
INSTITUTION TOTAL	1		4,795
CITY TOTAL	1		4,795

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	7	788,082	
CONNECTICUT MIDDLETOWN WESLEYAN UNIVERSITY 1R01 GM42813-01A2	JAMES, THARAPPEL C	DEVELOPMENTAL EXPRESSION OF A HETEROCHROMATIN PROTEIN	124,706
INSTITUTION TOTAL CITY TOTAL	1 1		124,706 124,706
NEW HAVEN YALE UNIVERSITY 1R01 AI30561-01 1R01 GM45431-01 1R01 HG00175-01 1R01 AI30374-01A1 1R01 EY08879-01	CRISPE, IAN N FERRO-NOVICK, SUSAN S MILLER, PERRY L ROSE, JOHN K SEARS, MARVIN L	FUNCTION AND SPECIFICITY OF CD4 CD8 B T CELLS DEFINING COMPONENTS REQUIRED FOR TRANSPORT FROM THE ER REPRESENTATION AND RETRIEVAL OF PHYSICAL MAPPING DATA HIV GLYCOPROTEIN TRANSPORT AND SIGNALING PHYSIOLOGY OF THE CILIARY EPITHELIAL BILAYER OF THE EYE	162,399 157,931 309,867 184,113 196,978
INSTITUTION TOTAL CITY TOTAL	5 5		1,011,288 1,011,288
STATE TOTAL	6	1,135,994	
DIST OF COL WASHINGTON AMERICAN NATIONAL 1R01 CA52408-01A1	RED CROSS VOGEL, JONATHAN	STUDIES OF KAPOSI'S SARCOMA IN TRANSGENIC MICE	226,616
INSTITUTION TOTAL	1	226,616	
CARNEGIE INSTITUTION OF WASHINGTON, D. C. 1R01 GM41718-01A1	KOSHLAND, DOUGLAS E	CENTROMERE FUNCTION OF YEAST	155,408
INSTITUTION TOTAL	1	155,408	
CHILDREN'S HOSPITAL NATIONAL MEDICAL CENTER 1R29 AI29428-01A1	SLATER, JAY E	STUDIES IN RUBBER ALLERGY AND ANAPHYLAXIS	99,046
INSTITUTION TOTAL	1	99,046	
GEORGE WASHINGTON UNIVERSITY 1R01 CA53793-01	DE FABO, EDWARD C	UROCANIC ACID, SUNLIGHT & IMMUNITY: A NOVEL INTERACTION	208,034

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
DIST OF COL WASHINGTON GEORGE WASHINGTON UNIVERSITY 1R01 CA53477-01 1R01 CA53765-01	MOODY, TERRY W NOONAN, FRANCES P	BOMBESIN & IGF-I RECEPTORS IN SMALL CELL LUNG CANCER STRAIN DIFFERENCES IN UVB SUPPRESSION	217,142 156,256
INSTITUTION TOTAL	3		581,432
GEORGETOWN UNIVERSITY 1R01 CA53371-01	SCHLEGEL, RICHARD	PAPILLOMAVIRUS E5 ONCOPROTEIN AND CELL TRANSFORMATION	309,637
INSTITUTION TOTAL	1		309,637
NATIONAL ACADEMY OF SCIENCES 1R01 RR06161-01	TAVARES, JAMES	NUTRIENT REQUIREMENTS OF LABORATORY ANIMALS	55,126
INSTITUTION TOTAL	1		55,126
CITY TOTAL	8		1,427,265
STATE TOTAL	8		1,427,265
FLORIDA CORAL GABLES UNIVERSITY OF MIAMI 1R01 CA53313-01	SCHMALE, MICHAEL C	CANCER IN DAMSELFISH--IMMUNOLOGY AND IN VITRO MODELS	170,382
INSTITUTION TOTAL	1		170,382
CITY TOTAL	1		170,382
GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1R01 DK41434-01A2 1R01 AI27774-01A2 1R01 GM42637-01A2 1R01 GM44286-01A1	KHAN, SAEED R NAYAR, J K RICHARDSON, DAVID E YANG, THOMAS P	ROLE OF LIPIDS IN UROLITHIASIS INTRACELLULAR MELANIZATION OF FILARIIDS IN MOSQUITOES MONOCLONAL ANTIBODIES AS METALLOENZYMES GENE REGULATION BY X CHROMOSOME INACTIVATION	111,687 84,789 137,007 150,244
INSTITUTION TOTAL	4		483,727
CITY TOTAL	4		483,727
MELBOURNE FLORIDA INSTITUTE OF TECHNOLOGY 1R03 DC01043-01	PARK, JANIE C	SYNAPTIC VESICLE ISOLATION FROM FROG SACCCULAR HAIR CELLS	31,423
INSTITUTION TOTAL	1		31,423

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	31,423	
FLORIDA			
MIAMI			
BARRY UNIVERSITY			
1S06 GM45455-01	FREI, JOHN K, SR	BIOMEDICAL RESEARCH AT BARRY UNIVERSITY	282,598
INSTITUTION TOTAL			
1		282,598	
UNIVERSITY OF MIAMI			
1P01 NS28059-01A1	BUNGE, RICHARD P	CELLULAR THERAPY IN CHRONIC SPINAL CORD INJURY	894,663
1R01 HL44600-01A1	PRINEAS, RONALD J	BIOBHAVIOR, ETHNICITY, HORMONES & BLOOD PRESSURE	426,749
INSTITUTION TOTAL			
2		1,321,412	
CITY TOTAL	3	1,604,010	
NORTH MIAMI			
INTELLIGENT HEARING SYSTEMS			
1R43 DC01004-01	MISKIEL, EDWARD	DEVELOPMENT OF AN IMPROVED TACTUAL VOCODER	50,000
INSTITUTION TOTAL			
1		50,000	
CITY TOTAL	1	50,000	
TALLAHASSEE			
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY			
1R01 DC00906-01	MEREDITH, MICHAEL	CHEMORECEPTOR SYSTEMS INVOLVED IN CHEMICAL COMMUNICATION	109,530
INSTITUTION TOTAL			
1		109,530	
CITY TOTAL	1	109,530	
STATE TOTAL			
11		2,449,072	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
1R01 HD26833-01A1	MCDONALD, JOHN K	NPY BIOSYNTHESIS AND SECRETION IN THE HYPOTHALAMUS	137,548
INSTITUTION TOTAL			
1		137,548	
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
1R29 GM45616-01	BRIGGS, MARTHA S	PEPTIDE MODELS OF PROTEIN STRUCTURE AND FOLDING	113,206

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED		
GEORGIA ATLANTA UNIVERSITY SYSTEM OF 1R01 GM38045-01A2 1R01 HL45485-01	GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY WARTTELL, ROGER M YOGANATHAN, AJIT P	THERMODYNAMICS OF BASE PAIR OPENING IN DNA QUANTITATION OF VALVULAR REGURGITATION AN IN VITRO STUDY	86,469 138,074		
INSTITUTION TOTAL CITY TOTAL	3 4	337,749 475,297			
STATE TOTAL	4	475,297			
HAWAII AIEA HAWAII BIOTECHNOLOGY GROUP, INC. 1R43 CA52304-01A1	BIGNAMI, GARY S	BISPECIFIC ANTIBODY FOR DIRECTED DELIVERY OF PALTOTOXIN	50,000		
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000			
HONOLULU UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA 1R01 CA52098-01A1	LAU, ALAN F	CONNEXIN43 PHOSPHORYLATION IN RSV-INFECTED CELLS	135,130		
INSTITUTION TOTAL CITY TOTAL	1 1	135,130 135,130			
STATE TOTAL	2	185,130			
ILLINOIS CHAMPAIGN UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 1R01 GM45532-01 1R01 HD27453-01 1R01 GM43214-01A1	DENMARK, SCOTT E JACKSON, GARY L JACOBSEN, ERIC N	CHEMISTRY OF CHIRAL PHOSPHORUS-STABILIZED CARBANIONS CONTROL OF LHRH SECRETION IN THE MALE CHIRAL COMPLEXES DESIGNED TO CATALYZE ORGANIC REACTIONS	169,827 82,724 105,093		
INSTITUTION TOTAL CITY TOTAL	3 3	357,644 357,644			
CHICAGO NORTHWESTERN UNIVERSITY 1R01 GM43776-01A1	AVRAM, MICHAEL J	DETERMINANTS OF DRUG DISPOSITION DURING ANESTHESIA	172,313		

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
1R01 HL43758-01A1	GREEN, DAVID	HEMOSTATIC CORONARY RISK FACTORS IN YOUNG ADULTS	234,738
INSTITUTION TOTAL 2 407,051			
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER			
1R01 AI30517-01	GUPTA, KAILASH C	STRUCTURE & FUNCTION OF P AND C PROTEINS OF SENDAI VIRUS	134,090
INSTITUTION TOTAL 1 134,090			
UNIVERSITY OF CHICAGO			
1R01 NS28569-01A1	DAWSON, GLYN	LIPASE AND CATHESPIN ABNORMALITIES IN BATTEN DISEASE	143,794
1R01 GM43893-01A1	GOTTSCHLING, DANIEL E	DISSECTION OF TELOMERE ATTRIBUTES IN S. CEREVISIAE	214,708
1R01 HL45574-01	SCHOELLER, DALE A	HUMAN CHOLESTEROL METABOLISM--NEW METHODS ACUTE STUDIES	169,099
1R01 GM44292-01	WESTBROOK, EDWIN M	LAUE DIFFRACTION STUDY OF BOVINE PANCREATIC RIBONUCLEASE	273,626
1R01 GM44158-01A1	YANG, NIEN-CHU C	PHOTOCHEMISTRY OF ARYL HALIDES AND ITS APPLICATIONS	159,049
INSTITUTION TOTAL 5 960,276			
UNIVERSITY OF ILLINOIS AT CHICAGO			
1R29 NR02231-01A1	FOREMAN, MARQUIS D	CONFUSION--A THREE WAVE LONGITUDINAL CAUSAL MODEL	94,537
1R01 GM45141-01	MOORE, PETER D	MINISATELLITE SEQUENCES AND HOMOLOGOUS RECOMBINATION	149,292
INSTITUTION TOTAL 2 243,829			
CITY TOTAL 10 1,745,246			
EVANSTON			
NORTHWESTERN UNIVERSITY			
1R01 HD27491-01	MAYO, KELLY E	EXPRESSION OF OVARIAN INHIBIN AND ACTIVIN GENES	151,750
1R29 GM43187-01A1	MONDRAGON, ALFONSO	STRUCTURAL STUDIES OF E. COLI DNA TOPOISOMERASE I	96,489
INSTITUTION TOTAL 2 248,239			
CITY TOTAL 2 248,239			
HINES			
U.S. VETERANS ADMINISTRATION MEDICAL CENTER			
1R01 HL45782-01	GROSS, NICHOLAS J	SERINE PROTEASE REQUIRED FOR METABOLISM OF SURFACTANT	53,225
INSTITUTION TOTAL 1 53,225			
CITY TOTAL 1 53,225			

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
ILLINOIS			
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
1R01 NS28512-01A1	BECK, SHERYL G	ADRENALCORTICOID EFFECTS ON HIPPOCAMPAL NEURAL ACTIVITY	159,721
INSTITUTION TOTAL	1		159,721
CITY TOTAL	1		159,721
NORTH CHICAGO			
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL			
1R01 DK42331-01A1	PETERSON, DARRYL R	MECHANISM FOR CHARGED-RELATED NEPHROTOXICITY	132,168
INSTITUTION TOTAL	1		132,168
CITY TOTAL	1		132,168
URBANA			
UNIVERSITY PARK PATHOLOGY ASSOCIATES, P.C.			
1R43 AI30865-01	WILLIAMS, BEN T	HIV SCREENING AID FOR MEDICAL PRACTICE	49,690
INSTITUTION TOTAL	1		49,690
CITY TOTAL	1		49,690
STATE TOTAL	19		2,745,933
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS			
1P01 NS27613-01A2	GHEITTI, BERNARDINO	NEUROLOGY OF THE WEAVER MUTANT	805,071
1R29 GM45460-01	GOEBL, MARK G	ANALYSIS OF CELL CYCLE UBIQUITIN CONJUGATION IN YEAST	96,939
1R01 CA51770-01A1	JAYARAM, HIREMAGALUR N	METABOLISM OF TIAZOFURIN IN HUMAN LEUKEMIA CELLS	145,276
1R29 NS29283-01	TRIARHOU, LAZAROS C	DOPAMINE NEURON GRAFTS IN GENETIC EXTRAPYRAMIDAL DISEASE	101,166
INSTITUTION TOTAL	4		1,148,452
CITY TOTAL	4		1,148,452
NOTRE DAME			
UNIVERSITY OF NOTRE DAME			
1R01 AI30988-01	MILLER, MARVIN J	DRUGS & DELIVERY SYSTEMS FOR OPPORTUNISTIC INFESTIONS	187,389
INSTITUTION TOTAL	1		187,389
CITY TOTAL	1		187,389

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
INDIANA				
WEST LAFAYETTE				
PURDUE UNIVERSITY WEST LAFAYETTE				
1R01 GM45551-01	BERGSTROM, DONALD E	IN SEARCH OF THE UNIVERSAL NUCLEIC ACID BASE		177,696
1R01 GM44001-01A1	STAUFFACHER, CYNTHIA V	STRUCTURE OF THE PORE FORMING FRAGMENT OF COLICIN E1		96,594
INSTITUTION TOTAL	2			
CITY TOTAL	2			
STATE TOTAL	7			
KANSAS				
KANSAS CITY				
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL				
1R01 DK43507-01	HUDSON, BILLY G	GLYCATION IN THE PATHOGENESIS OF DIABETIC NEPHROPATHY		178,488
1R01 CA50616-01A2	TERRANOVA, PAUL F	OVARIAN TUMOR NECROSIS FACTOR		153,459
INSTITUTION TOTAL	2			
CITY TOTAL	2			
STATE TOTAL	2			
KENTUCKY				
LEXINGTON				
UNIVERSITY OF KENTUCKY				
1R29 GM45535-01	MELLON, ISABEL	MECHANISMS OF DNA REPAIR IN ACTIVE GENES		96,974
INSTITUTION TOTAL	1			
CITY TOTAL	1			
STATE TOTAL	1			
MARYLAND				
BALTIMORE				
JOHNS HOPKINS UNIVERSITY				
1R01 NS29234-01	GRIFFIN, DIANE E	INFLAMMATION IN ALPHAVIRUS ENCEPHALITIS		208,348
1R29 DC00954-01	MAY, BRADFORD J	SPECTRAL CUES FOR SOUND LOCALIZATION		123,478
1R03 AI30993-01	SACK, BRADLEY	IMPROVED LABORATORY DIAGNOSIS OF DIARRHOEAGENIC E. COLI A		44,512
1R01 AI29575-01A1	SCHNECK, JONATHAN P	IMMUNOREGULATORY FUNCTIONS OF CLASS I MOLECULES		188,052
1R01 EY09129-01	STEINMETZ, MICHAEL A	NEUROPHYSIOLOGY OF POSTERIOR PARIENTAL CORTEX		202,935
1R01 EY08900-01	WORLEY, PAUL F	REGULATORY GENE INDUCTION BY ACTIVITY IN VISUAL CORTEX		127,049
INSTITUTION TOTAL	6			
STATE TOTAL	6			

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
MARYLAND			
BALTIMORE			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND			
1R01 HL45742-01	NICHOLS, COLIN G	BALTIMORE PROFESSIONAL SCHOOL	135,256
1R01 HL39614-01A3	WILSON, PHILLIP D	ATP-SENSITIVE POTASSIUM CHANNELS IN THE HEART	61,879
INSTITUTION TOTAL	2	MODEL FREE TIME CURVES FOR LONGITUDINAL DATA ANALYSIS	
CITY TOTAL	8		
			197,135
			1,091,509
COLLEGE PARK			
KBL GROUP, INC.			
1R43 CA54040-01	LEVITAN, KAREN B	PDQ-P FOR COLLEGE POPULATIONS	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			50,000
ROCKVILLE			
QUANTEX CORPORATION			
1R43 GM45674-01	STORTI, GEORGE M	ET RECORDING MEDIA FOR PROTEIN CRYSTALLOGRAPHY	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
			50,000
STATE TOTAL	10		1,191,509
MASSACHUSETTS			
BOSTON			
BETH ISRAEL HOSPITAL			
1R01 GM45311-01	GEISSLER, EDWIN N	ANALYSIS OF THE ROLE OF C-KIT IN MAST CELL DEVELOPMENT	145,332
1R01 HL45903-01	IZUMO, SEIGO	MOLECULAR STUDIES OF THE CARDIAC NA+/CA2+ EXCHANGER	212,387
INSTITUTION TOTAL	2		
			357,719
BOSTON UNIVERSITY			
1R01 GM45377-01	AKEY, CHRISTOPHER W	STRUCTURAL BASIS OF NUCLEOCYTOPLASMIC TRANSPORT	242,966
1P50 HL47124-01	CHOBANIAN, ARAM V	SPECIALIZED CENTER OF RESEARCH IN HYPERTENSION	1,256,275
1R01 GM40419-01A2	GOLDSTEIN, RICHARD	REGULATION OF EXPRESSION AND ASSEMBLY BY SATELLITE P4	225,463
1R01 HL41904-01A2	HAMILTON, JAMES A	NMR STUDIES OF WEAKLY POLAR LIPIDS	239,630
1R01 GM45557-01	TAMM, SIDNEY L	CONTROL OF CILIARY MOTILITY	169,173
INSTITUTION TOTAL	5		
			2,133,507

NIH RESEARCH GRANTS			DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL			
1R01 HL44712-01A1	CHAPMAN, HAROLD A	ALVEOLAR MACROPHAGE SERINE PROTEINASES IN LUNG BIOLOGY MONOCYTE-ENDOTHELIAL INTERACTIONS DURING ATHEROGENESIS DETERMINANTS OF TISSUE RESISTANCE IN THE GUINEA PIG	193,024
1R01 HL45563-01	CYBULSKY, MYRON I		221,109
1R29 HL45687-01	INGENITO, EDWARD P		104,614
INSTITUTION TOTAL	3	518,747	
CENTER FOR BLOOD RESEARCH			
1R29 AI30733-01	MATHER, THOMAS N	FIRST: DYNAMICS OF LYME DISEASE SPIROCHETE TRANSMISSION	145,885
INSTITUTION TOTAL	1	145,885	
CHILDREN'S HOSPITAL			
1R01 AI29390-01A1	WIDMER, GIOVANNI	MOLECULAR STUDY OF AN RNA VIRUS IN LEISHMANIA	116,962
INSTITUTION TOTAL	1	116,962	
DANA-FARBER CANCER INSTITUTE			
1R01 AI29623-01A1	AMBROSINO, DONNA M	B CELL AND T CELL RESPONSES TO POLYSACCHARIDES CHARACTERIZATION OF GROWTH FACTOR RESPONSIVE B CELLS FUNCTIONAL ANALYSIS OF THE CD16: NK RECEPTOR COMPLEX MOLECULAR AND FUNCTIONAL ANALYSIS OF CD3ZETA AND ELTA IS OPIOIDS AND POIATES: T CELL MOTILITY TRIMODALITY (X-RAYS/HEAT/DRUGS) THERAPEUTIC STUDIES FUNCTIONAL ANALYSIS OF A PDGF-INDUCIBLE CYTOKINE	183,085
1R01 CA50947-01A1	ANDERSON, KENNETH C		185,504
1R01 CA53595-01	ANDERSON, PAUL J		176,626
1R01 AI31269-01	CLAYTON, LINDA K		138,841
1R01 AI29657-01A1	HEAGY, WYRTA		155,484
1R01 CA50174-01A2	HERMAN, TERENCE S		248,149
1R01 CA53091-01	ROLLINS, BARRETT J		250,124
INSTITUTION TOTAL	7	1,337,813	
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
1R01 EY08519-01A1	ARAMANT, ROBERT B	TRANSPLANTATION OF RETINA TO RETINA	239,931
INSTITUTION TOTAL	1	239,931	
HARVARD UNIVERSITY			
1R01 GM43799-01A1	FARR, SPENCER B	GENETIC RESPONSES TO OXIDATIVE STRESS IN E COLI IMMUNE RESPONSES IN VIVO TO EGG ANTIGENS OF S MANSONI LYMPHOMA-RELATED TRANSCRIPTION REGULATORY FACTOR	178,323
1R22 AI27448-01A3	HARN, DONALD A		198,942
1R01 GM45290-01	WEISS, MICHAEL A		203,920
INSTITUTION TOTAL	3	581,185	
MALLORY INSTITUTE OF PATHOLOGY FOUNDATION			
1R01 HL45588-01	CHRISTENSEN, THOMAS G	BRONCHIAL EPITHELIAL CELL KINETICS	203,759
INSTITUTION TOTAL	1	203,759	

NIH RESEARCH GRANTS			DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL		
MASSACHUSETTS				
BOSTON				
MASSACHUSETTS EYE AND EAR INFIRMARY				
1R29 DC01294-01	KOBLER, JAMES B	CELLULAR BASIS OF PHARYNGEAL MOTOR CONTROL		124,911
1R01 DC00767-01A1	SEWELL, WILLIAM F	PHARMACOLOGY OF NEUROTRANSMITTERS IN HAIR-CELL ORGANS		208,588
INSTITUTION TOTAL	2		333,499	
MASSACHUSETTS GENERAL HOSPITAL				
1R29 HL45895-01	BLOCH, KENNETH D	BIOSYNTHESIS OF ENDOTHELIN FAMILY OF VASOACTIVE PEPTIDES		127,400
1R01 NS28384-01A1	BREAKEFIELD, XANDRA O	IDENTIFICATION OF THE HUMAN DYSTONIA GENE		219,250
1R01 DC00942-01	CAPLAN, DAVID N	FRACTIONATION OF DISORDERS OF SENTENCE COMPREHENSION		188,845
1R01 AI30885-01	FINKELSTEIN, DIANNE M	STATISTICAL METHODS FOR FAILURE TIME DATE IN AIDS		69,401
1R01 DK42144-01A1	JAMESON, JAMES L	STEROID RECEPTOR INTERACTIONS WITH PITUITARY GENES		183,086
INSTITUTION TOTAL	5		787,982	
NEW ENGLAND DEACONESS HOSPITAL				
1R29 AI30897-01	KIM, SUNYOUNG	MOLECULAR VIROLOGIC ANALYSIS OF THE NEF GENE OF HIV		104,540
INSTITUTION TOTAL	1		104,540	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.				
1R01 CA51985-01A1	KRONTIRIS, THEODORE G	DETERMINANTS OF BC12 ONCOGENE TRANSLOCATIONS		164,017
INSTITUTION TOTAL	1		164,017	
TUFTS UNIVERSITY				
1R01 AI30646-01	LEVY, STUART B	EFFLUX MEDIATED RESISTANCE TO TETRACYCLINES		220,238
INSTITUTION TOTAL	1		220,238	
CITY TOTAL	34		7,245,784	
CAMBRIDGE				
APPLIED BIOTECHNOLOGY, INC.				
1R43 AI30847-01	DISCIULLO, STEVEN O	PREPARATION OF NON-INFECTIOUS HIV-LIKE PARTICLES		50,000
INSTITUTION TOTAL	1		50,000	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY				
1R01 CA53717-01	FELD, MICHAEL S	REAL TIME IN VIVO DIAGNOSIS OF DYSPLASIA BY FLUORESCENCE		318,818
1R01 GM45188-01	ROBBINS, PHILLIPS W	GLYCOPROTEIN PROCESSING SYSTEMS OF ER AND GOLGI		159,991
1R01 EY08502-01A1	SCHILLER, PETER H	NEURAL CONTROL OF VISUALLY GUIDED EYE MOVEMENTS		123,086
1R01 CA53395-01	SOLOMON, FRANK E	MOLECULAR ANALYSIS OF CYTOSKELETAL INTERACTIONS		288,858
INSTITUTION TOTAL	4		890,753	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
MASSACHUSETTS CAMBRIDGE SENSIMETRICS CORPORATION 1R43 DC00998-01	BERKOVITZ, ROBERT	EVOKED OTOACOUSTIC DISTORTION SCREENING DEVICE		50,000
INSTITUTION TOTAL	1			
				50,000
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 1R01 HG00257-01	PAGE, DAVID C	MAPPING & SEQUENCING THE HUMAN Y CHROMOSOME		297,545
INSTITUTION TOTAL	1			
CITY TOTAL	7			297,545
SHREWSBURY WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC. 1R01 GM41681-01	WANG, YU-LI	STRUCTURAL ASSEMBLY IN MUSCLE AND NON-MUSCLE CELLS		123,568
INSTITUTION TOTAL	1			
CITY TOTAL	1			123,568
SOMERVILLE SCIENCE RESEARCH LABORATORY, INC. 1R43 CA53953-01	HUGHEY, BARBARA J	NEW TARGET TECHNOLOGY FOR PET RADIONUCLIDE PRODUCTION		48,766
INSTITUTION TOTAL	1			
CITY TOTAL	1			48,766
WATERTOWN RADIATION MONITORING DEVICES, INC. 1R43 GM45639-01	SQUILLANTE, MICHAEL R	LARGE AREA HIGH RESOLUTION X-RAY DETECTOR FOR BIOMEDICAL		50,000
INSTITUTION TOTAL	1			
CITY TOTAL	1			50,000
WAYLAND CANDELA LASER CORPORATION 1R43 DE09765-01	LESIECKI, MICHAEL	FLASH CURE LIGHT FOR DENTAL COMPOSITES		49,941
INSTITUTION TOTAL	1			
CITY TOTAL	1			49,941

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

MASSACHUSETTS

WORCESTER

UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER

1R01 AI30624-01	KURANE, ICHIRO	HUMAN IMMUNE RESPONSES TO DENGUE VIRUSES	178,396
1R01 DK43184-01	MENON, MANI	UROLIITHIASIS: ROLE OF NEPHRON DYSFUNCTION/INJURY	209,983
1R01 AI30572-01	MORRISON, TRUDY G	MUTATIONAL ANALYSIS OF THE NDV FUSION GLYCOPROTEIN	153,443
1R01 HL44492-01A1	OCKENE, IRA S	PHYSICIANS ROLE IN LOWERING ELEVATED LIPIDS BY DIET	580,290
1R01 AI29544-01A1	PARKER, DAVID C	ANTIGEN PRESENTATION IN ACQUIRED TOLERANCE	149,481
1R01 DK43233-01	ROYER, WILLIAM E, JR	STRUCTURAL BASIS FOR COOPERATIVITY IN CLAM HEMOGLOBINS	161,334

INSTITUTION TOTAL	6	1,432,927
CITY TOTAL	6	1,432,927

STATE TOTAL	51	10,239,284
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MICHIGAN

ANN ARBOR

UNIVERSITY OF MICHIGAN AT ANN ARBOR

1R01 DK42290-01A1	CARSON, PAUL L	ULTRASONIC GENERATION OF MICROBUBBLES FOR DIAGNOSIS	140,607
1R01 GM40022-01A1	COOPER, STEPHEN	CELL WALL SYNTHESIS DURING GROWTH & DIVISION OF BACTERIA	167,641
1R01 HL45578-01	GALLAGHER, KIM P	MYOCARDIAL PRECONDITIONING IN MAMMALS	188,045
1R01 AI25630-01A3	GILSDORF, JANET R	MOLECULAR AND FUNCTIONAL STUDIES OF H INFLUENZAE B PILI	158,992
1R01 EY08850-01	HUGHES, BRET A	ION CONDUCTANCES IN THE RETINAL PIGMENT EPITHELIUM	130,639
1R01 HL41796-01A1	JULIUS, MARA	SUPPRESSED ANGER, BLOOD PRESSURE AND MORTALITY FOLLOW-UP	114,386
1R01 AI27556-01A3	KLUGER, MATTHEW J	PHYSIOLOGIC ROLE OF CYTOKINES IN LIPOPOLYSACCHARIDE	164,899
1R29 CA53440-01	LAWRENCE, THEODORE S	HALOGENATED PYRIMIDINES AND LOW DOSE RATE IRRADIATION	101,958
1R01 DK43225-01	MULHOLLAND, MICHAEL W	NEUROPEPTIDE REGULATION OF ENTEROPANCREATIC FUNCTION	114,971
1R29 DK42730-01A1	SEASHOLTZ, AUDREY F	TRANSCRIPTIONAL REGULATION OF CRH GENE EXPRESSION	108,700
1R29 CA53910-01	TROEN, BRUCE R	REGULATION OF CATHERPSIN L GENE EXPRESSION	104,178
1R01 NS29278-01	UEDA, TETSUFUMI	MECHANISM OF AMINO ACID NEUROTRANSMITTER RELEASE	151,859

INSTITUTION TOTAL	12	1,646,875
CITY TOTAL	12	1,646,875

EAST LANSING

MICHIGAN STATE UNIVERSITY

1R01 GM44077-01A1	ENKE, CHRISTIE G	DUAL TIME-OF-FLIGHT MASS SPECTROMETER: HIGH SPEED MS/MS	250,716
1R01 CA52003-01A1	LINZ, JOHN E	AFLATOXIN B-1 BIOSYNTHESIS IN ASPERGILLUS PARASITICUS	125,845
1R01 GM41216-01A3	LINZ, JOHN E	RAS GENES AND REGULATION OF CELLULAR MORPHOGENESIS	97,436
1R03 DC01045-01	PUNCH, JERRY L	DSP-BASED APPROACH TO THE STUDY OF HEARING AID FITTING	31,523

INSTITUTION TOTAL	4	505,520
CITY TOTAL	4	505,520

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
ROYAL OAK			
WILLIAM BEAUMONT HOSPITAL CORPORATION--WILLIAM BEAUMONT HOSPITAL			
1R01 CA53167-01	ARMOUR, ELWOOD P	LOW TEMPERATURE HYPERTHERMIA AND LDR IRRADIATION	107,964
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	17		2,260,359
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1R29 CA53517-01	ANDERSON, PETER M	IL-2 LIPOSOMES IN CANCER OF THE LUNG	96,502
1R01 NS29320-01	ZIEGLER, RICHARD J	HIV GP120 EFFECTS ON NEUROTRANSMISSION	129,034
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		597,802
ROCHESTER			
MAYO FOUNDATION			
1R01 CA51852-01A1	GEITZ, MICHAEL J	GENETICS AND CELL PHYSIOLOGY OF MURINE TISSUE FACTOR	174,779
1R01 HL43025-01A2	RITMAN, ERIK L	HETEROGENEITY OF MYOCARDIAL PERFUSION & SOLUTE TRANSFER	197,487
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	4		597,802
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1R01 EY08813-01	KATZ, MARTIN L	RETINAL PIGMENT EPITHELIAL PROTEOLYSIS AND LIPOFUSCIN	152,969
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		152,969
SAINT LOUIS			
CENTRAL INSTITUTE FOR THE DEAF			
1R13 DC00909-01	MILLER, JAMES D	CONFERENCE ON BIOLOGICAL REPLACEMENT IN SENSORY SYSTEMS	20,000
INSTITUTION TOTAL	1		
STATE TOTAL	1		20,000

NIH RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

MISSOURI				
SAINT LOUIS				
ST. LOUIS UNIVERSITY				
1R01 AI29200-01A1	CHINNADURAI, GOVINDASWAMY			178,707
1R29 HL45788-01	WYSOLMERSKI, ROBERT B			110,268
INSTITUTION TOTAL	2	288,975		
WASHINGTON UNIVERSITY				
1R29 AI30643-01	CAPARON, MICHAEL			92,206
1R01 EY08915-01	KAPLAN, HENRY J			186,087
1R29 AR40705-01	KOHR, WENDY M			90,100
1R01 NS29172-01	MERLIE, JOHN P			173,369
1R01 DK42748-01A1	ROTWIEIN, PETER S			129,217
1R01 NS29169-01	SANES, JOSHUA R			178,509
INSTITUTION TOTAL	6	849,488		
CITY TOTAL	9	1,158,463		
STATE TOTAL	10	1,311,432		

NEBRASKA				
BOYS TOWN				
FATHER FLANAGAN'S BOYS' HOME				
1R01 DC00925-01	NEFF, DONNA L			106,167
INSTITUTION TOTAL	1	106,167		
CITY TOTAL	1	106,167		
AUDITORY PROCESSING OF UNCERTAIN STIMULI				106,167

LINCOLN				
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA				
1R01 GM40705-01A2	APPLE, THOMAS M			102,066
INSTITUTION TOTAL	1	102,066		
CITY TOTAL	1	102,066		
VAPOR GROWN CARBON FIBERS FOR BIOMEDICAL APPLICATIONS				102,066

OMAHA				
CREIGHTON UNIVERSITY				
1R29 AR40688-01	TURNER, CHARLES H			89,899
INSTITUTION TOTAL	1	89,899		
MECHANICALLY INDUCED STIMULATION OF BONE FORMATION				89,899

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
NEBRASKA				
OMAHA				
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA		MEDICAL CENTER		
1R29 NS28966-01	MONAGHAN, DANIEL T	HETEROGENEITY OF NMDA RECEPTORS IN BRAIN		79,583
1R01 HL43922-01A1	RENNARD, STEPHEN I	INFLUENCE OF SMOKING REDUCTION ON LUNG DISEASE FACTORS		374,691
INSTITUTION TOTAL	2			
CITY TOTAL	3			
STATE TOTAL	5			
NEVADA				
RENO				
UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA RENO		CARDIAC CHLORIDE CURRENT PHARMACOLOGY & PHYSIOLOGY		124,517
1R29 HL45141-01	HARVEY, ROBERT D			
INSTITUTION TOTAL	1			
CITY TOTAL	1			
STATE TOTAL	1			
NEW HAMPSHIRE				
HANOVER				
DARTMOUTH COLLEGE				
1R29 AI29455-01A1	PFEFFERKORN, LORRAINE C	MOLECULAR BASIS OF FC Y RI SIGNALING		108,500
1R01 CA52192-01A1	STUKEL, THERESE A	TUMOR GROWTH CURVE ANALYSIS		80,312
INSTITUTION TOTAL	2			
CITY TOTAL	2			
STATE TOTAL	2			
NEW JERSEY				
NEW BRUNSWICK				
RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK		DEVELOPMENTALLY-REGULATED DNA-BINDING PROTEINS		155,961
1R01 GM45574-01	LAM, ERIC	FUNCTION OF THE ADENOVIRUS E1B ONCOGENE		215,463
1R01 CA53370-01	WHITE, EILEEN			
INSTITUTION TOTAL	2			
CITY TOTAL	2			

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
NEWARK			
RUTGERS THE STATE UNIVERSITY NEWARK 1R03 DC01038-01	TALLAL, PAULA	MODEL FOR DEVELOPMENT OF CEREBRAL ASYMMETRY	31,056
INSTITUTION TOTAL 1 31,056			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY			
1R01 HL43146-01A2	DURAN, WALTER N	CONTROL OF MICROCIRCULATORY EXCHANGE FUNCTION	252,796
INSTITUTION TOTAL 1 252,796			
CITY TOTAL 2 283,852			
PISCATAWAY			
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL			
1R01 AI30901-01	RABSON, ARNOLD B	ROLE OF DNA REGULATORY SEQUENCES IN HIV INFECTION	170,814
INSTITUTION TOTAL 1 170,814			
CITY TOTAL 1 170,814			
STATE TOTAL 5 826,090			
NEW MEXICO			
ALBUQUERQUE			
LOVELACE MEDICAL FOUNDATION	WOOD, STEPHEN C	MECHANISM AND IMPORTANCE OF HYPOXIA-INDUCED HYPOTHERMIA	150,196
1R01 HL40537-01A3			
INSTITUTION TOTAL 1 150,196			
UNIVERSITY OF NEW MEXICO ALBUQUERQUE			
1R01 GM42901-01A1	PEABODY, DAVID S	GENETIC ANALYSIS OF A TRANSLATIONAL REPRESSOR	124,934
INSTITUTION TOTAL 1 124,934			
CITY TOTAL 2 275,130			
LOS ALAMOS			
UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY			
1R01 CA54518-01	SALZMAN, GARY C	FLOW CYTOMETRY DATA ANALYSIS BY EXPERT SYSTEMS	284,442
1R01 GM45262-01	UNKEFER, CLIFFORD J	MECHANISM OF THE PQQ-DEPENDENT METHANOL DEHYDROGENASE	195,448
INSTITUTION TOTAL 2 479,890			
CITY TOTAL 2 479,890			
STATE TOTAL 4 755,020			

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
NEW YORK				
ALBANY				
STATE UNIVERSITY OF NEW YORK AT ALBANY				
1R29 NS29286-01	SLOWIACZEK, LOUISA M	PHONOLOGICAL, ORTHOGRAPHIC AND PROSODIC CUES		93,634
INSTITUTION TOTAL	1			93,634
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV				
1R01 HL45638-01	MALIK, ASRAR B	THROMBIN INDUCED PULMONARY VASCULAR PERMEABILITY		229,852
INSTITUTION TOTAL	1			229,852
CITY TOTAL	2			323,486
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
1R01 AI27697-01A1	HONG, CHUNG I	ANTI-AIDS NUCLEOSIDE CONJUGATES OF ETHER PHOSPHOLIPIDS		53,012
INSTITUTION TOTAL	1			53,012
STATE UNIVERSITY OF NEW YORK AT BUFFALO				
1R01 HL45650-01	HARD, ROBERT P	WAVEFORM AND COORDINATION OF RESPIRATORY CILIA		146,942
1R01 HL46013-01	KLOCKE, ROBERT A	KINETICS OF GAS EXCHANGE IN THE PULMONARY CIRCULATION		169,615
1R01 HL46027-01	VAN WYLEN, DAVID G	CARDIAC MICRODIALYSIS, ADENOSINE, AND CARDIAC FUNCTION		131,631
INSTITUTION TOTAL	3			448,188
CITY TOTAL	4			501,200
COLD SPRING HARBOR				
COLD SPRING HARBOR LABORATORY				
1R01 GM45179-01	ARNDT, KIM T	PROGRESSION FROM G1 TO S REQUIRES THE SIT4 PHOSPHATASE		192,829
1R01 GM45410-01	FUTCHER, BRUCE A	WIN CELL CYCLE CLOCKS IN S CEREVISIAE		151,968
INSTITUTION TOTAL	2			344,797
CITY TOTAL	2			344,797
ITHACA				
CORNELL UNIVERSITY ITHACA				
1R01 DK42063-01A1	SHARP, GEOFFREY W	MECHANISMS OF INHIBITION OF INSULIN RELEASE BY GALANIN		193,675
INSTITUTION TOTAL	1			193,675
CITY TOTAL	1			193,675

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NIH RESEARCH GRANTS			
NEW YORK LAKE PLACID W. ALTON JONES CELL 1R01 CA53841-01	SCIENCE CENTER JAKEN, SUSAN	CYTOSKELETAL ASSOCIATION OF PROTEIN KINASE C	157,714
INSTITUTION TOTAL CITY TOTAL	1 1		157,714 157,714
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE		REGULATION OF MEMBRANE TRANSPORT BY THYROID HORMONE	171,906
1R01 DK41674-01A2	HABER, RICHARD S	MOLECULAR GENETIC APPROACHES TO MYELIN ASSEMBLY	258,050
1R01 NS29056-01	LAZZARINI, ROBERT A	NEUROMUSCULAR DISORDERS IN HIV INFECTION AND ROLE OF AZT	147,175
1R01 NS28630-01A1	SIMPSON, DAVID M		
INSTITUTION TOTAL	3		577,131
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1R03 DC01019-01	AKABAS, MYLES H	MOLECULAR CLONING OF THE HUMAN SWEET TASTE RECEPTOR	43,264
1R01 GM43340-01A1	BERNE, BRUCE J	MODELING HYDROPHOBIC & HYDROPHILIC INTERACTIONS	177,244
1R01 GM44300-01A1	CALAME, KATHRYN L	T-CELL RECEPTOR BETA CHAIN GENE REGULATION	172,281
1R01 NS29224-01	LIEM, RONALD K	FUNCTIONAL STUDIES OF INTERMEDIATE FILAMENTS IN GLIA	206,840
1R01 NS29071-01	ROLE, LORNA W	EXPRESSION OF NEURONAL NICOTINIC ACETYLCHOLINE RECEPTOR	185,537
1R01 NS27325-01A2	SOLOMON, ROBERT A	CEREBRAL BLOOD FLOW AFTER SUBARACHNOID HEMORRHAGE	290,907
INSTITUTION TOTAL	6		1,076,073
CORNELL UNIVERSITY MEDICAL CENTER			
1R01 DK42601-01A1	NOY, NOA	UPTAKE OF RETINOIDS BY TARGET CELLS	127,619
1R29 CA53914-01	STUEHR, DENNIS J	BIOCHEMISTRY OF MACROPHAGE NITRIC OXIDE SYNTHESIS	101,018
INSTITUTION TOTAL	2		228,637
MONTEFIORE MEDICAL CENTER			
1R29 HL46034-01	BUTTRICK, PETER M	MOLECULAR ADAPTATIONS IN CARDIAC HYPERTROPHY	79,035
INSTITUTION TOTAL	1		79,035
NEW YORK STATE OFFICE OF MENTAL HEALTH--NEW YORK STATE PSYCHIATRIC INSTITUTE			
1R29 CA53782-01	HWANG, YU-WEN	RAS GENES BY DOMINANT NEGATIVE MUTANTS	97,912
INSTITUTION TOTAL	1		97,912
NEW YORK UNIVERSITY			
1R29 NS28480-01A1	RICE, MARGARET E	DYNAMICS OF ASCORBATE REGULATION IN BRAIN	115,619

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK UNIVERSITY			
1R01 EY08848-01	SAKAI, HIROKO M	SYNAPTIC ORGANIZATION OF VETEBRATE INNNER RETINA	226,803
1R01 HG00225-01	SCHWARTZ, DAVID C	NEW PHYSICAL METHODOLOGIES FOR GENOMIC ANALYSIS	258,695
INSTITUTION TOTAL	3	601,117	
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.			
1R01 GM43756-01	DUBNAU, DAVID A	GENETIC COMPETENCE APPARATUS OF BACILLUS SUBTILLIS	400,671
INSTITUTION TOTAL	1	400,671	
ROCKEFELLER UNIVERSITY			
1R01 AI29478-01A1	BELLOFATTO, VIVIAN M	ANALYSIS OF TRYPANOSOME MRNA SYNTHESIS BY GENE TRANSFER	173,685
1R01 GM43778-01A1	BENFEY, PHILIP N	DEVELOPMENTAL REGULATION OF THE EPSP SYNTHASE GENE	220,875
1R29 GM45258-01	HORIKOSHI, MASAMI	STRUCTURAL AND FUNCTIONAL ANALYSIS OF YEAST TATA FACTOR	105,328
1R01 GM45547-01	KURIYAN, JOHN	STRUCTURES OF TRYPANOTHIONE & THIOREDUXIN REDUCTASES	85,890
INSTITUTION TOTAL	4	585,778	
YESHIVA UNIVERSITY			
1R01 AI29871-01A2	ROSENSTREICH, DAVID L	SINUSITIS IN HUMAN IMMUNODEFICIENCY VIRUS DISEASE	194,265
1R01 AI29747-01A1	WITTNER, MURRAY	PATHOGENESIS OF TRYPANOSOMA CRUZI INDUCED CARDIOMYOPATHY	288,959
INSTITUTION TOTAL	2	483,224	
CITY TOTAL	23	4,129,578	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
1R01 DC00674-01A2	HANTZ, EDWIN C	NEURAL BASIS OF MUSIC COGNITION	124,963
1R01 DE09692-01	MELVIN, JAMES E	MECHANISMS OF ANION TRANSPORT PROTEINS IN SALIVARY CELLS	202,706
INSTITUTION TOTAL	2	327,669	
CITY TOTAL	2	327,669	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
1R29 AI30492-01	GALAN, JORGE E	MOLECULAR GENETIC ANALYSIS OF SALMONELLA CELL INVASION	93,439
1R01 HD27610-01	LARSEN, ULLA M	STERILITY IN SUB-SAHARAN AFRICA	58,493
1R01 AI29466-01A1	SCHUBACH, WILLIAM H	EXPRESSION OF THE LYMPHOCYTE FC EPSILON RECEPTORS	158,945
1R01 GM45214-01	SIEBURTH, SCOTT M	INTRAMOLECULAR PYRONE/PYRIDONE (4+4) PHOTOCYCLOADDITIONS	105,351
1R01 AI29905-01A1	SIMPSON, MELVIN V	AIDS: AZT TOXICITY AND MITOCHONDRIAL DNA REPLICATION	131,519
INSTITUTION TOTAL	5	547,747	

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
CITY TOTAL	5	547,747	
NEW YORK			
SYRACUSE			
SYRACUSE UNIVERSITY AT SYRACUSE			
1R01 GM46302-01	HALLBERG, RICHARD L	MOLECULAR ANALYSIS OF A MITOCHONDRIAL ASSEMBLY FACTOR	158,171
INSTITUTION TOTAL	1	158,171	
CITY TOTAL	1	158,171	
VALHALLA			
AMERICAN HEALTH FOUNDATION--NAYLOR DANA INSTITUTE FOR DISEASE PREVENTION			
1R29 CA51995-01A1	RONAI, ZEEV A	MECHANISMS OF UV-RADIATION INDUCIBLE PROTEIN EXPRESSION	99,594
INSTITUTION TOTAL	1	99,594	
CITY TOTAL	1	99,594	
STATE TOTAL	42	6,783,631	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1R01 CA52515-01A1	BALDWIN, ALBERT S, JR	INDUCIBLE HIV AND CLASS I MHC ENHANCER BINDING PROTEINS	159,103
1R01 GM43814-01	CHAE, CHI-BOM	STRUCTURE AND FUNCTION OF YEAST H1 HISTONES	159,087
1R01 HL45916-01	LENTZ, BARRY R	MEMBRANE BIOPHYSICS & CONTROL OF THROMBIN GENERATION	256,258
1R01 EY08975-01	MANESS, PATRICIA F	LIGHT-ACTIVATED TYROSINE PHOSPHORYLATION IN THE RETINA	130,637
1R01 GM42399-01A1	PALLOTTA, BARRY S	PROPERTIES OF ACETYLCHOLINE-ACTIVATED ION CHANNELS	131,310
1R01 GM44288-01A1	QUATRANO, RALPH S	ELUCIDATION OF A HORMONAL RESPONSE PATHWAY	187,621
1R01 NS28997-01	SUZUKI, KUNIHICO	TAY-SACHS AND RELATED GENETIC NEUROLOGICAL DISORDERS	195,786
1R01 CA51912-01A1	TLSTY, THEA D	GENE AMPLIFICATION: A TOOL TO STUDY NEOPLASIA	157,518
INSTITUTION TOTAL	8	1,377,320	
CITY TOTAL	8	1,377,320	
DURHAM			
DUKE UNIVERSITY			
1R01 EY07576-01A2	DE JUAN, EUGENE	INHIBITION OF ANGIOGENESIS AND ENDOTHELIAL INVASION	167,762
1R01 DK43278-01	FITZ, JOHN G	MECHANISMS OF HEPATIC ELECTROLYTE TRANSPORT	177,295
1R01 GM43825-01A1	HANNUN, YUSUF A	SPHINGOMYELIN TURNOVER AND CELLULAR REGULATION	157,940
1R01 CA53248-01	HOROWITZ, JONATHAN M	RB PROTEIN BIOCHEMICAL AND FUNCTIONAL ANALYSIS	186,973
1P01 DC00036-01A1	JAVEL, ERIC	MECHANISMS OF INTRACOCLEAR ELECTRICAL STIMULATION	980,465

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		PRINCIPAL INVESTIGATOR		DOLLARS AWARDED	
NORTH CAROLINA							
DUKE UNIVERSITY							
1R01	HL43106-01A2	KANE, WILLIAM H	MOLECULAR BIOLOGY OF HUMAN COAGULATION FACTOR V	13	2,997,466	156,238	
1R01	GM45190-01	MODRICH, PAUL L	ENZYMOLGY OF EUKARYOTIC DNA MISMATCH REPAIR	13	2,997,466	216,234	
1R29	GM45322-01	OAS, TERRENCE G	STRUCTURAL STUDIES OF BPTI FOLDING MUTANTS			76,377	
1R01	CA53271-01	OSTROWSKI, MICHAEL C	ANALYSIS OF RAS ONCOGENE-ACTIVATED GENE EXPRESSION			159,264	
1R01	AI28388-01A2	PERFECT, JOHN R	GENETIC & MOLECULAR BIOLOGY OF VIRULENCE IN C. NEOFORMANS			233,169	
1R01	NS29187-01	PURVES, DALE	CONSTRUCTION OF BRAIN CIRCUITRY IN MAMMALS			273,913	
1R01	NS26853-01A2	ROBERTSON, J DAVID	BRAIN FUNCTION			102,996	
1R01	GM38860-01A2	SALVESEN, GUY S	ACTIVATION OF NEUTROPHIL SERINE PROTEINASE ZOMOGENS			108,840	
INSTITUTION TOTAL				13	2,997,466		
CITY TOTAL				13	2,997,466		
RALEIGH							
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH							
1P01	GM45344-01	WEIR, BRUCE S	STATISTICAL AND QUANTITATIVE GENETICS			604,333	
INSTITUTION TOTAL				1	604,333		
CITY TOTAL				1	604,333		
WINSTON-SALEM							
WAKE FOREST UNIVERSITY							
1R29	HL45258-01	CHENG, CHE PING	DIASTOLIC FILLING DYNAMICS OF EXERCISE AND HEART FAILURE			95,051	
1P01	HL45666-01	CLARKSON, THOMAS B	CORONARY ATHEROSCLEROSIS IN FEMALE MONKEYS			1,402,491	
INSTITUTION TOTAL				2	1,497,542		
CITY TOTAL				2	1,497,542		
STATE TOTAL				24	6,476,661		
OHIO							
BRADNER							
LEBENSMITTEL CONSULTING							
1R43	CA54039-01	BASEL, RICHARD M	SAFER FLAME BROIL GRILL TO REDUCE CARCINOGENESIS			16,909	
INSTITUTION TOTAL				1	16,909		
CITY TOTAL				1	16,909		
CINCINNATI							
UNIVERSITY OF CINCINNATI AT CINCINNATI							
1R01	GM42697-01A2	DAY, RICHARD A	SALT BRIDGE CONVERSION TO AMIDE BONDS WITH C2N2			77,345	

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR				
OHIO					
CINCINNATI					
UNIVERSITY OF CINCINNATI AT CINCINNATI					
1R01 AI29654-01A1	KIER, ANN B				146,128
1R01 ES05508-01	SINDEN, RICHARD R				169,842
INSTITUTION TOTAL	3		393,315		
CITY TOTAL	3		393,315		
CLEVELAND					
CASE WESTERN RESERVE UNIVERSITY					
1P01 CA51183-01A1	BERGER, NATHAN A				1,078,564
1R01 GM43751-01A1	ECKERT, RICHARD L				108,296
1R01 EY08885-01	LARGE, THOMAS H				159,950
1R01 AI31147-01	LE GRICE, STUART F J				161,584
1R01 GM39447-01A1	MAGUIRE, MICHAEL E				165,168
INSTITUTION TOTAL	5		1,673,562		
CLEVELAND CLINIC FOUNDATION					
1R01 AI27573-01A3	CAULFIELD, MICHAEL J				104,105
INSTITUTION TOTAL	1		104,105		
EDJEWISE SENSOR PRODUCTS, INC.					
1R43 AI30851-01	CAROME, EDWARD F				50,000
INSTITUTION TOTAL	1		50,000		
CITY TOTAL	7		1,827,667		
COLUMBUS					
OHIO STATE UNIVERSITY					
1R01 CA49837-01A2	CURLEY, ROBERT W, JR				137,693
1R01 HL45791-01	WARD, PATRICK E				149,774
1R01 CA51756-01A1	WEBB, THOMAS E				106,815
INSTITUTION TOTAL	3		394,282		
CITY TOTAL	3		394,282		
ROOTSTOWN					
NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE					
1R29 DC00937-01	WENSTRUP, JEFFREY J				111,938
INSTITUTION TOTAL	1		111,938		

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR			
CITY TOTAL	1	111,938		
OHIO				
TOLEDO				
MEDICAL COLLEGE OF OHIO AT TOLEDO				
1R01 DE09669-01	DIGNAM, JOHN D			
INSTITUTION TOTAL	1	72,014		
CITY TOTAL	1	72,014		72,014
STATE TOTAL	16	2,816,125		
OKLAHOMA				
OKLAHOMA CITY				
OKLAHOMA MEDICAL RESEARCH FOUNDATION				
1R29 GM45250-01	DRESSER, MICHAEL E			
INSTITUTION TOTAL	1	95,609		
CITY TOTAL	1	95,609		95,609
STATE TOTAL	1	95,609		
OREGON				
EUGENE				
OREGON RESEARCH INSTITUTE				
1R01 HL45548-01	GLASGOW, RUSSELL E			
INSTITUTION TOTAL	1	424,569		
CITY TOTAL	1	424,569		424,569
PORTLAND				
MEDICAL RESEARCH FOUNDATION OF OREGON				
1R01 CA53584-01	SPINDEL, ELIOT R			
INSTITUTION TOTAL	1	184,652		
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY				
1R01 NS27050-01A2	BOYLE, RICHARD D			
1R01 EY09139-01	JAHN, CRAIG E			
INSTITUTION TOTAL	2	267,549		
CITY TOTAL	3	452,201		162,751
				104,798

NIH RESEARCH GRANTS			TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED
GRANT NUMBER	PRINCIPAL INVESTIGATOR	STATE TOTAL	4	876,770	
PENNSYLVANIA					
HERSHEY					
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER					
1R01 HL41582-01A2	CHEUNG, JOSEPH Y				207,843
1R29 DK43402-01	LYNCH, CHRISTOPHER J				101,592
CALCIUM AND CONGESTIVE HEART FAILURE					
REGULATION OF HEPATIC NA ⁺ /K ⁺ -ATPASE BY PROTEIN KINASES					
INSTITUTION TOTAL	2	309,435			
CITY TOTAL	2	309,435			
PHILADELPHIA					
FOX CHASE CANCER CENTER					
1R01 CA53713-01	KLEIN-SZANTO, ANDRE J				173,542
1R01 CA51893-01A1	TSICHLIS, PHILIP N				185,416
TUMOR SUPPRESSOR GENES IN CHEMICALLY INDUCED SKIN TUMORS					
ROLE OF MLVI-1 AND MLVI-4 GENES IN HUMAN ONCOGENESIS					
INSTITUTION TOTAL	2	358,958			
FOX CHASE CANCER CENTER--INSTITUTE FOR CANCER RESEARCH					
1R01 AI30544-01	SEEGER, CHRISTOPH				185,932
FUNCTIONAL ANALYSIS OF THE HEPADNA VIRUS GENOME					
INSTITUTION TOTAL	1	185,932			
HAHNEMANN UNIVERSITY					
1R01 NS29161-01	LIN, CHIA-SHENG				143,471
ROLE OF GABA INPUTS FROM ZONA INCERTA TO CORTEX					
INSTITUTION TOTAL	1	143,471			
MEDICAL COLLEGE OF PENNSYLVANIA					
1R01 AI29611-01A1	STULL, TERENCE L				138,662
H INFLUENZAE--MUTAGENESIS AND HYDROXAMATE PRODUCTION					
INSTITUTION TOTAL	1	138,662			
TEMPLE UNIVERSITY					
1R01 CA53484-01	BASERGA, RENATO L				82,575
1R01 AI30464-01	HARVEY, WILLIAM R				185,463
1R01 HL42074-01A3	WHITE, ROY L				126,414
BIOLOGY OF THE PROLIFERATING CELL NUCLEAR ANTIGEN					
PHYSIOLOGY OF INSECT AMINO ACID TRANSPORT					
EFFECTS OF ISCHEMIA ON GAP JUNCTIONS IN HEART					
INSTITUTION TOTAL	3	394,452			
THOMAS JEFFERSON UNIVERSITY					
1R01 HL44454-01A1	BARCHOWSKY, AARON				133,398
ENDOTHELIAL CELL BIOLOGY FOLLOWING OXIDATIVE STRESS					
INSTITUTION TOTAL	1	133,398			

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA UNIVERSITY OF PENNSYLVANIA 1R01 NS29230-01 1R01 GM45611-01	CHESSELET, MARIE-FRANCOISE S HIRSCHMANN, RALPH F	CORTICAL CONTROL OF STRIATAL GENE EXPRESSION CATALYTIC ANTIBODIES FOR PEPTIDE SYNTHESIS		136,658 183,860
INSTITUTION TOTAL	2			
320,518				
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1R01 CA51918-01A1	SHONE, LOUISE C	INTERACTIONS OF V-ERBA/V-ERBB/ BAND 3 IN ERYTHROLEUKEMIA		202,125
INSTITUTION TOTAL	1			
202,125				
CITY TOTAL	12			
1,877,516				
PITTSBURGH ALLEGHENY HEALTH SERVICES, INC.--ALLEGHENY-SINGER RESEARCH INSTITUTE 1R01 AI28425-01A2	OKUNEWICK, JAMES P	EFFECT OF PRIOR DONOR PREGNANCY ON GRAFT-VS-HOST DISEASE		120,237
INSTITUTION TOTAL	1			
120,237				
CARNEGIE-MELLON UNIVERSITY 1R01 CA49792-01A1	JAIN, RAKESH K	HETEROGENEOUS DISTRIBUTION OF ANTIBODIES IN TUMORS		212,135
INSTITUTION TOTAL	1			
212,135				
UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1R01 HL44413-01A1 1R01 CA53453-01	BUNKER, CLAREANN H SHINDZUKA, HISASHI	EPIDEMIC HYPERTENSION IN NIGERIAN WORKERS CYCLOSPROINE AND LIVER CARCINOGENESIS		192,553 163,188
INSTITUTION TOTAL	2			
355,741				
CITY TOTAL	4			
688,113				
UNIVERSITY PARK PENNSYLVANIA STATE 1R29 CA53607-01	UNIVERSITY AT UNIVERSITY PARK HIGGINS, WILLIAM E	AUTOMATIC ANALYSIS OF 3-D AND 4-D RADIOLOGICAL IMAGES		102,801
INSTITUTION TOTAL	1			
102,801				
CITY TOTAL	1			
102,801				
STATE TOTAL	19			
2,977,865				
RHODE ISLAND PROVIDENCE BROWN UNIVERSITY 1R01 CA50720-01A2	PARKER, KATHLYN A	SYNTHESIS OF C-ARYL GLYCOSIDES		168,497

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

INSTITUTION TOTAL 1 168,497
CITY TOTAL 1 168,497
STATE TOTAL 1 168,497

SOUTH CAROLINA
CHARLESTON
MEDICAL UNIVERSITY OF SOUTH CAROLINA
1R01 DE09731-01 CHAO, LEE
1R01 GM42615-01A1 HOTTENDORF, GIRARD H

SALIVARY KALLIKREINS: GENE EXPRESSION AND SECRETION
MULTIFACTORIAL COMPARISON--AMINOGLYCOSIDE NEPHROTOXICITY

INSTITUTION TOTAL 2 275,882
CITY TOTAL 2 275,882
STATE TOTAL 2 275,882

TENNESSEE
KNOXVILLE

UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE
1R01 DK43229-01 MOORE, ROBERT N

106,257

INSTITUTION TOTAL 1 106,257
CITY TOTAL 1 106,257

MEMPHIS

ST. JUDE CHILDREN'S RESEARCH HOSPITAL
1R29 GM45367-01 APPLEMAN, JAMES R

95,156

INSTITUTION TOTAL 1 95,156

RELATION OF THYMIDYLATE SYNTHASE STRUCTURE TO FUNCTION

UNIVERSITY OF TENNESSEE AT MEMPHIS
1R01 EY08868-01 WILLIAMS, ROBERT W

133,529

INSTITUTION TOTAL 1 133,529
CITY TOTAL 2 228,685

DEVELOPMENT AND CLONAL STRUCTURE OF MAMMALIAN RETINA

NASHVILLE

VANDERBILT UNIVERSITY
1R01 DK42562-01A1 ABUMRAD, NAJI N
1R29 DK43290-01 FLAKOLL, PAUL J

200,801
103,846

PROTEOLYSIS IN HYPOGLYCEMIA--IMPACT OF CNS
AMINO ACID REGULATION OF GLUCOSE METABOLISM IN VIVO

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
1R29 NS28602-01A1	GALLOWAY, ROBERT L, JR	INTERACTIVE IMAGE-GUIDED SURGERY	122,275
1R29 DK43058-01	KOURY, STEPHEN T	NUCLEUS & CYTOSKELETON IN LATE ERYTHROID MORPHOGENESIS	107,144
1R01 DK43325-01	OSHEROFF, NEIL	HORMONAL REGULATION OF CASEIN KINASE II HUMAN CELLS	120,371
1R01 EY08890-01	SCHALL, JEFFREY D	BASIS OF SACCADE TARGET SELECTION--FRONTAL CORTEX	93,974
INSTITUTION TOTAL	6	748,411	
CITY TOTAL	6	748,411	
STATE TOTAL	9	1,083,353	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
1R01 HD26823-01A1	BRONSON, FRANKLIN H	ALTERNATIVE REPRODUCTIVE STRATEGIES IN MICROTUS	120,141
1R01 GM45185-01	CHAN, CLARENCE S	MOLECULAR ANALYSIS OF CHROMOSOME SEGREGATION IN YEAST	141,449
INSTITUTION TOTAL	2	261,590	
CITY TOTAL	2	261,590	
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION			
1R01 DK43141-01	BAME, SHERRY I	EFFECT OF DIALYSIS UNIT DESIGN ON COMPLIANCE & STAFFING	74,074
1R01 GM45617-01	SINGLETON, DANIEL A	FREE-RADICAL MEDIATED ANNULATIONS AND ADDITIONS	74,344
INSTITUTION TOTAL	2	148,418	
CITY TOTAL	2	148,418	
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1R01 GM44140-01A1	COBB, MELANIE H	REGULATION AND PROPERTIES OF CASEIN KINASE I	76,409
1R01 GM45371-01	PADGETT, RICHARD A	ANALYSIS OF EARLY EVENTS IN PRE-MRNA SPLICING	176,145
INSTITUTION TOTAL	2	252,554	
CITY TOTAL	2	252,554	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH			
1R01 GM45579-01	LEE, JAMES C	THERMODYNAMIC LINKAGES IN THE CONTROL OF TRANSCRIPTION	191,501

NIH RESEARCH GRANTS		TITLE OF RESEARCH PROPOSAL		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR				
TEXAS					
GALVESTON					
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH					
1R29 AI29908-01A1	NOKTA, MOSTAFA A		TRANSMEMBRANE SIGNALING IN HIV INFECTION	103,904	
1R01 NS29265-01	SHINNICK-GALLAGHER, PATRICIA		CRF IN THE AMYGDALA--ELECTROPHYSIOLOGY AND PHARMACOLOGY	112,530	
INSTITUTION TOTAL	3	407,935			
CITY TOTAL	3	407,935			
HOUSTON					
BAYLOR COLLEGE OF MEDICINE					
1R01 HG00220-01	BERGET, SUSAN M		EXON DETECTION IN VERTEBRATE DNA	172,131	
1R01 HL45516-01	CHAN, LAWRENCE C		MECHANISM OF APOLIPOPROTEIN B-48 BIOGENESIS	180,800	
1R29 HL45565-01	COOPER, THOMAS A		TROPONIN T ALTERNATIVE SPLICING IN EMBRYONIC HEART	94,095	
1R13 AI30488-01	ESTES, MARY K		INTERNATIONAL SYMPOSIUM ON DOUBLE-STRANDED RNA VIRUSES	4,000	
1R29 DK43267-01	MC DONNELL, DONALD P		BIOLOGICAL ACTIONS OF 1.25(OH)2D3	96,983	
INSTITUTION TOTAL	5	548,009			
RICE UNIVERSITY					
1R29 GM42913-01A2	KING, GARRY C		NMR STUDIES OF PROTEIN-NUCLEIC ACID INTERACTIONS	93,931	
INSTITUTION TOTAL	1	93,931			
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-UNIVERSITY PARK					
1R01 NS28462-01A1	ESKIN, ARNOLD		FUNCTION OF PROTEINS AND THEIR MODIFICATIONS IN LEARNING	148,941	
1R29 EY08862-01	JIANG, BAI-CHUAN		ACCOMODATION CONVERGENCE AND YOUNG-ADULT-ONSET MYOPIA	95,666	
INSTITUTION TOTAL	2	244,607			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON					
1R01 HL43133-01A2	TAEGTMEYER, HEINRICH		KINETICS OF MUSCLE METABOLISM BY POSITRON TRACERS	237,415	
1R01 GM46570-01	WINKLER, MALCOLM E		REGULATION OF A "MUTATION FREQUENCY SWITCH" IN E. COLI	124,795	
INSTITUTION TOTAL	2	362,210			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER					
1R01 CA53123-01	CONTI, CLAUDIO J		TUMOR SUPPRESSOR GENES IN TWO-STAGE CARCINOGENESIS	143,366	
1R01 GM43189-01A1	LIN, SUE-HWA		STUDIES ON LIVER ECTO-ATPASE AS A CELL ADHESION MOLECULE	138,296	
1R01 CA50270-01A2	PEREZ-SOLER, ROMAN		ANTHRACYCLINES WITH HIGH AFFINITY FOR LIPID MEMBRANES	216,649	
1R01 CA48945-01A2	SAUNDERS, PRISCILLA P		NUCLEOSIDE ANALOGS: INTERACTIONS WITH NAD SYNTHESIS	148,254	
1R01 CA52006-01A1	WARGOVICH, MICHAEL J		CALCIUM INHIBITION OF COLON CANCER PROGRESSION	164,319	
INSTITUTION TOTAL	5	810,884			
CITY TOTAL	15	2,059,641			

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
TEXAS				
RICHARDSON UNIVERSITY OF TEXAS 1R01 GM43612-01A1	SYSTEM--UNIVERSITY OF TEXAS AT DALLAS DRAPER, ROCKFORD K	PSEUDOMONAS AERUGINOSA EXOTOXIN A		147,922
INSTITUTION TOTAL CITY TOTAL	1 1			147,922 147,922
SAN ANTONIO				
SOUTHWEST FOUNDATION 1R29 HL45478-01 1R01 CA53246-01	FOR BIOMEDICAL RESEARCH DRISCOLL, DONNA M LANFORD, ROBERT E	EDITING OF APOLIPOPROTEIN B MRNA MODEL SYSTEMS FOR ANALYSIS OF HBV REPLICATION		113,125 213,517
INSTITUTION TOTAL	2			326,642
UNIVERSITY OF TEXAS				
1R13 CA54355-01 1R01 HL45979-01	SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO COLTMAN, CHARLES A, JR GAUNTT, CHARLES J	13TH ANNUAL SAN ANTONIA BREAST CANCER SYMPOSIUM CHRONIC MYOCARDIITIS IN A COXSACKIEVIRUS MURINE MODEL		5,000 204,634
INSTITUTION TOTAL CITY TOTAL	2 4			209,634 536,276
STATE TOTAL	29			3,814,336
UTAH				
SALT LAKE CITY MICROMATH, INC. 1R43 GM45677-01	SU, YU	MICROCOMPUTER SOFTWARE FOR DIFFERENTIAL EQUATIONS		50,000
INSTITUTION TOTAL	1			50,000
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH				
1R01 HL45753-01 1R01 GM45201-01 1R01 EY08523-01A1	LALOUET, JEAN-MARC LEIBOLD, ELIZABETH A LEVENTHAL, AUDIE G	LIPOPROTEIN LIPASE DEFICIENCY: GENETICS AND BIOCHEMISTRY IRON REGULATION OF GENE EXPRESSION MECHANISMS MEDIATING SUBCORTICAL ORIENTATION SENSITIVITY		239,814 131,781 148,045
INSTITUTION TOTAL CITY TOTAL	3 4			519,640 569,640
STATE TOTAL	4			569,640
VERMONT				
BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE 1R01 AI30534-01	BURKE, JOHN M	ANTIVIRAL HAIRPIN RIBOZYMES		195,375

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOLLARS AWARDED
VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE 1R01 HL44455-01A1 NELSON, MARK T 1R01 CA52040-01A1 WALLACE, SUSAN S		REGULATION OF CEREBRAL ARTERY DILATION PROCESSING OF DAMAGE BY TRANSLESION DNA SYNTHESIS		178,413 143,978
INSTITUTION TOTAL CITY TOTAL	3 3			517,766 517,766
STATE TOTAL	3			517,766
VIRGINIA BLACKSBURG VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY 1R29 GM45368-01 KENNELLY, PETER J		PHOSPHORYLATION OF HISTONES ON N-AMINO ACIDS		85,985
INSTITUTION TOTAL CITY TOTAL	1 1			85,985 85,985
CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1R01 DE09655-01 CASTLE, J DAVID 1R29 DC00929-01 POTE, KENNETH G		MEMBRANE FUNCTION IN PAROTID SECRETORY MECHANISMS OTOCONIAL PROTEIN EXPRESSION IN VESTIBULAR EPITHELIA		149,469 102,728
INSTITUTION TOTAL CITY TOTAL	2 2			252,197 252,197
RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY 1R01 AI27795-01A3 ADLER, STUART P 1R29 DE09403-01A1 ROWLAND, RANDAL W		EPIDEMIOLOGY OF CYTOMEGALOVIRUS HIV INFECTION: HOST FACTORS IN ACUTE PERIODONTAL DISEASE		339,582 100,459
INSTITUTION TOTAL CITY TOTAL	2 2			440,041 440,041
STATE TOTAL	5			778,223
WASHINGTON SEATTLE ALITEA USA 1R43 GM45087-01 GUEBELI, THOMAS P		NOVEL PUMP FOR FLOW INJECTION ANALYSIS & CHROMATOGRAPHY		50,000
INSTITUTION TOTAL	1			50,000

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NIH RESEARCH GRANTS			
WASHINGTON SEATTLE CHILDREN'S HOSPITAL AND MEDICAL CENTER 1R29 AI30648-01	CONE, RICHARD W	PATHOGENESIS OF HHV-6 IN THE IMMUNOCOMPROMISED HOST	95,101
INSTITUTION TOTAL	1		95,101
FRED HUTCHINSON CANCER RESEARCH CENTER 1R01 CA48996-01A2	SHERMAN, KAREN J	ORAL CANCER--EPIDEMIOLOGY/BIOCHEMISTRY/IMMUNOLOGY	279,270
INSTITUTION TOTAL	1		279,270
UNIVERSITY OF WASHINGTON 1R01 GM45248-01	BERG, CELESTE A	CELL-CELL INTERACTIONS DURING DROSOPHILA OOGENESIS	117,305
1R01 HL44458-01A1	MAYBERG, MARC R	CELLULAR MECHANISMS OF CEREBRAL VASOSPASM	137,126
1R01 HL45707-01	MC CANN, BARBARA S	JOB STRESS, DIET, AND PLASMA LIPIDS	189,510
1R01 GM45448-01	MULLER, ERIC G	ROLE OF THIOREDOXIN IN CELL GROWTH AND DIVISION	83,660
1R01 AI30527-01	PIOUS, DONALD A	ANTIGEN PROCESSING GENES AND CELL BIOLOGY	183,843
1R01 GM45260-01	RUZICKA, JAROMIR	FLOW INJECTION CYTOMETRY IN ANALYTICAL BIOLOGY	191,022
INSTITUTION TOTAL	6		902,466
CITY TOTAL	9		1,326,837
STATE TOTAL	9		1,326,837
WEST VIRGINIA MORGANTOWN			
WEST VIRGINIA UNIVERSITY 1R01 GM38931-01A3	VRANA, KENT E	MOLECULAR CHARACTERIZATION OF TYROSINE HYDROXYLASE	105,754
INSTITUTION TOTAL	1		105,754
CITY TOTAL	1		105,754
STATE TOTAL	1		105,754
WISCONSIN MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON		PHYSIOLOGICAL CHARACTERISTICS OF OROFACIAL BRADYKINESIA	34,326
1R03 DC01028-01	HUNKER, CHAUNCEY J	LEAD EFFECTS ON THE AUDITORY SYSTEM IN MAMMALS	168,682
1R01 ES04860-01A3	LAUGHLIN, NELLIE K	CARDIOVIRAL POLY(C) TRACTS AND VIRUS PATHOGENICITY	184,037
1R01 AI30566-01	PALMENBERG, ANN C	REGULATION OF HEART RATE VARIABILITY IN HYPOXIC FETUSES	90,131
1R29 HL44447-01A1	REID, DEBORAH L		
INSTITUTION TOTAL	4		477,176
CITY TOTAL	4		477,176

NIH RESEARCH GRANTS		DOLLARS AWARDED	
GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	
STATE TOTAL	4	477,176	
CANADA			
HAMILTON			
MC MASTER UNIVERSITY			
1R01 NS29536-01	PERDUE, MARY H	EFFECTS OF CONDITIONING ON MUCOSAL IMMUNOPHYSIOLOGY	97,914
INSTITUTION TOTAL	1	97,914	
CITY TOTAL	1	97,914	
STATE TOTAL	1	97,914	
ISRAEL			
TEL AVIV			
TEL AVIV UNIVERSITY			
1R01 CA53139-01	CANAANI, DAN	MOLECULAR BASIS FOR XERODERMA PIGMENTOSUM GROUP C DEFECT	104,179
INSTITUTION TOTAL	1	104,179	
CITY TOTAL	1	104,179	
STATE TOTAL	1	104,179	
TOTAL	428	71,447,496	

NIH RESEARCH CONTRACTS			DOLLARS AWARDED
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
MARYLAND			
LAUREL			
PROLITH INTERNATIONAL			
1N01 C015642-00	BARRON, RICHARD	CHEMOTHERAPY AND YOU: A GUIDE TO SELF HELP	24,333
INSTITUTION TOTAL	2		
CITY TOTAL	2		47,575
ROCKVILLE			
DIAGNOSIS CORPORATION--SEMA, INC.			
1N01 CP15657-00	BRADBURY, RICHARD	TRANSPLACENTAL CARCINOGENESIS AND TUMOR PROMOTION	544,021
1N01 CP15644-00	BRADBURY, RICHARD P	TEST THE IMMUNE RESPONSE OF VIRAL ANTIGENS	161,366
INSTITUTION TOTAL	2		705,387
RESEARCH APPLICATIONS, INC.			
1N01 OD12100-00	FRIEDMAN, DAVID	SURVEY SERVICES/FEDERAL HEALTH R&D AND CASE SURVEYS	107,470
INSTITUTION TOTAL	1		107,470
CITY TOTAL	3		812,857
SILVER SPRING			
ORKAND CORPORATION			
1N01 CM17501-00	FOWLER, GEORGE	CLINICAL DATA MANAGEMENT	734,000
INSTITUTION TOTAL	1		734,000
PRESSTAR PRINTING CORPORATION			
1N01 C015635-00	SARRO, TONY	MAMMOGRAM: ONCE A YEAR FOR A LIFETIME	9,122
INSTITUTION TOTAL	1		9,122
CITY TOTAL	2		743,122
STATE TOTAL	26		5,260,170
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL			
1N01 HV18124-00	SELWYN, ANDREW	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT	16,297
INSTITUTION TOTAL	1		16,297

NIH RESEARCH CONTRACTS		DOLLARS AWARDED	
CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	
MASSACHUSETTS			
BOSTON			
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
1N01 AI15100-00	DUNKEL, EDMUND C	ANIMAL MODELS OF HUMAN VIRAL INFECTIONS	378,119
INSTITUTION TOTAL	1		378,119
CITY TOTAL	2		394,416
STATE TOTAL	2		394,416
MICHIGAN			
DETROIT			
HENRY FORD HOSPITAL			
1N01 HV18121-00	GOLDSTEIN, SIDNEY	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT	9,294
INSTITUTION TOTAL	1		9,294
CITY TOTAL	1		9,294
STATE TOTAL	1		9,294
MISSOURI			
COLUMBIA			
UNIVERSITY OF MISSOURI-COLUMBIA			
1N01 CM17534-00	WAGNER, JOSEPH E	OPERATION OF AN ANIMAL DIAGNOSTIC LABORATORY	135,025
INSTITUTION TOTAL	1		135,025
CITY TOTAL	1		135,025
KANSAS CITY			
MIDWEST RESEARCH INSTITUTE			
1N01 ES15306-00	MURRILL, EVELYN A	CHEMISTRY SUPPORT SERVICES FOR NTP	450,988
INSTITUTION TOTAL	1		450,988
CITY TOTAL	1		450,988
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
1N01 HV18120-00	CHAITMAN, BERNARD R	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT	19,605
INSTITUTION TOTAL	1		19,605
CITY TOTAL	1		19,605
STATE TOTAL	3		605,618

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	NIH RESEARCH CONTRACTS	DOLLARS AWARDED
NEW JERSEY PARK RIDGE SONY CORPORATION OF AMERICA 1N01 LM13509-00	PIZZIMENTI, BRUCE	HDTV PLAYER/MONITOR		61,100
INSTITUTION TOTAL CITY TOTAL	1 1			61,100 61,100
STATE TOTAL	1			61,100
NEW YORK NEW YORK MONTEFIORE MEDICAL CENTER 1N01 HV18122-00	MUELLER, HILTRUD	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT		15,094
INSTITUTION TOTAL CITY TOTAL	1 1			15,094 15,094
STATE TOTAL	1			15,094
OHIO CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER 1N01 AI15101-00	MYERS, MARTIN G	ANIMAL MODELS OF HUMAN VIRAL INFECTIONS		370,294
INSTITUTION TOTAL CITY TOTAL	1 1			370,294 370,294
STATE TOTAL	1			370,294
PENNSYLVANIA PITTSBURGH DUQUESNE LITHO, INC. 1N01 CO15661-00	RAVIDA, MARK	JOURNAL OF THE NATIONAL CANCER INSTITUTE		5,760
INSTITUTION TOTAL CITY TOTAL	1 1			5,760 5,760
STATE TOTAL	1			5,760
TEXAS AUSTIN UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN 1N01 HD13101-00	FOLKERS, KARL	PEPTIDE ANTAGONISTS OF LHRH AS GONADOTROPIN INHIBITORS		339,579

NIH
RESEARCH CONTRACTS

DOLLARS
AWARDED

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1		339,579 339,579
TEXAS			
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1N01 HV18123-00	PRATT, CRAIG M	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT ANIMAL MODELS OF HUMAN VIRAL INFECTIONS	17,889
1N01 AI15099-00	WYDE, PHILIP R		176,736
INSTITUTION TOTAL CITY TOTAL	2 2		194,625 194,625
STATE TOTAL	3		534,204
UTAH			
LOGAN			
UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY			
1N01 AI15097-00	SIDWELL, ROBERT W	ANIMAL MODELS OF HUMAN VIRAL INFECTIONS	224,673
INSTITUTION TOTAL CITY TOTAL	1 1		224,673 224,673
STATE TOTAL	1		224,673
VIRGINIA			
BRIDGEMATER			
GOOD PRINTERS, INC.			
1N01 C015660-00	HALTERMAN, BARBARA	CANCER SURVIVORSHIP	8,993
INSTITUTION TOTAL CITY TOTAL	1 1		8,993 8,993
RICHMOND			
CARTER PRINTING COMPANY, INC.			
1N01 C015655-00	LINDENZWEIG, C R	RADIATION THERAPY AND YOU: A GUIDE TO SELF HELP	21,400
INSTITUTION TOTAL CITY TOTAL	1 1		21,400 21,400

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
<p>NIH RESEARCH CONTRACTS</p>			
VIRGINIA VIENNA AMERIPRINT, INC. 1N01 C015663-00	MOREY, DAVID	CANCER STATISTICS REVIEW	11,580
INSTITUTION TOTAL	1		11,580
CITY TOTAL	1		11,580
STATE TOTAL	3		41,973
CANADA			
MONTREAL MONTREAL HEART INSTITUTE 1N01 HV18115-00	BOURASSA, MARTIAL G	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT	14,770
INSTITUTION TOTAL	1		14,770
CITY TOTAL	1		14,770
OTTAWA			
UNIVERSITY OF OTTAWA 1N01 HV18117-00	DAVIES, RICHARD F	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT	11,606
INSTITUTION TOTAL	1		11,606
CITY TOTAL	1		11,606
STATE TOTAL	2		26,376
UNITED KINGDOM			
LONDON UNIVERSITY OF LONDON 1N01 HV18125-00	DEANFIELD, JOHN E	CLINICAL UNIT FOR ASYMPTOMATIC CARDIAC ISCHEMIA PILOT	12,045
INSTITUTION TOTAL	1		12,045
CITY TOTAL	1		12,045
STATE TOTAL	1		12,045
TOTAL	59		10,469,514

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO CLEVELAND CASE WESTERN RESERVE 1U01 CA54031-01	UNIVERSITY PRETLOW, THOMAS G, II	COOPERATIVE HUMAN TISSUE NETWORK	288,444
INSTITUTION TOTAL	1		288,444
CITY TOTAL	1		288,444
COLUMBUS CHILDREN'S HOSPITAL 1U01 CA54021-01	NEWTON, WILLIAM A, JR	COOPERATIVE HUMAN TISSUE NETWORK PEDIATRIC DIVISION	164,471
INSTITUTION TOTAL	1		164,471
CITY TOTAL	1		164,471
STATE TOTAL	2		452,915
TOTAL	2		452,915

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM			
1F32 AG05545-01	GOODE, PATRICIA S	NUTRITION	22,700
INSTITUTION TOTAL 1 22,700			
CITY TOTAL 1 22,700			
STATE TOTAL 1 22,700			
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA AT BERKELEY			
1F32 GM14288-01	BAHNSON, BRIAN J	MOLECULAR BIOLOGY	21,600
1F32 GM14245-01	MARDON, GRAEME	DEVELOPMENTAL BIOLOGY	22,700
1F32 GM14298-01	SHREVE, ANDREW P	BIOPHYSICS	21,600
1F32 GM14256-01	WHITE, PETER W	CELL BIOLOGY	22,700
INSTITUTION TOTAL 4 88,600			
CITY TOTAL 4 88,600			
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1F32 GM14311-01	STRONG, WILLIAM B	BIOCHEMISTRY	28,600
1F32 HD07490-01	WHALING, CAROL S	ZOOLOGY	21,600
INSTITUTION TOTAL 2 50,200			
CITY TOTAL 2 50,200			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1F32 GM13898-01A1	JOLY, JOHN C	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL 1 21,600			
CITY TOTAL 1 21,600			
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
1F32 GM14220-01	HTUN, HAN	MOLECULAR BIOLOGY	22,700
1F32 GM14258-01	NEWMAN, ANNA P	MOLECULAR BIOLOGY	21,600
1F32 GM14198-01	O'DAY, CHRISTINE L	BIOCHEMISTRY	22,700
INSTITUTION TOTAL 3 67,000			

NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	
CITY TOTAL	3		67,000
CALIFORNIA			
SAN DIEGO			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1F32 GM14270-01	BARTON, MICHELLE C	MOLECULAR BIOLOGY	28,600
INSTITUTION TOTAL	1		28,600
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1F32 GM14316-01	ROBERTSON, DEBRA L	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	1		22,700
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1F32 GM14257-01	ARNAIZ, DAMIAN O	ORGANIC CHEMISTRY	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	3		72,900
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1F32 HD07462-01	ESTES, JAMES M	OBSTETRICS AND GYNECOLOGY	29,900
1F32 GM13839-01A1	FREYMAN, DOUGLAS M	PHARMACOLOGY	28,600
1F32 HD07466-01	SPENCER, SUSAN J	OBSTETRICS AND GYNECOLOGY	29,900
1F32 CA08830-01	VIGNERON, DANIEL B	DIAGNOSTIC RADIOLOGY	20,000
INSTITUTION TOTAL	4		108,400
CITY TOTAL	4		108,400
STATE TOTAL	17		408,700
COLORADO			
DENVER			
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER			
1F32 GM13502-01A1	BELLOMY, GREGORY R	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
STATE TOTAL	1		22,700

NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CONNECTICUT NEW HAVEN YALE UNIVERSITY 1F32 AI08373-01	TSUKUDA, TOYOKO	IMMUNOLOGY	22,700
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
STATE TOTAL	1		22,700

DELAWARE WILMINGTON E. I. DU PONT DE NEMOURS AND COMPANY 1F32 GM14321-01	FAIRMAN, ROBERT	PHARMACOLOGY	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
STATE TOTAL	1		21,600

INDIANA WEST LAFAYETTE PURDUE UNIVERSITY 1F32 GM14176-01	WEST LAFAYETTE HARRING, LORI S	ORGANIC CHEMISTRY	21,600
INSTITUTION TOTAL	1		21,600
CITY TOTAL	1		21,600
STATE TOTAL	1		21,600

IOWA IOWA CITY UNIVERSITY OF IOWA 1F31 NR06668-01	CASTON, CATHERINE	NURSING	12,800
INSTITUTION TOTAL	1		12,800
CITY TOTAL	1		12,800
STATE TOTAL	1		12,800

MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1F32 GM14306-01	GREEN, SUSAN M	BIOCHEMISTRY	22,700
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NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1F32 GM14208-01	MACKAY, ALASTAIR M	MOLECULAR BIOLOGY	28,600
1F32 GM14185-01	SNYDER, RICHARD O	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL	3		
CITY TOTAL	3		
BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH			
1F15 TW00343-01	BERGELSON, LEV D	BIOCHEMISTRY	21,000
1F15 TW00336-01	GRONOWITZ, SALO S	ORGANIC CHEMISTRY	15,000
1F15 TW00342-01	MIRELMAN, DAVID	PARASITOLOGY	45,965
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	6		
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL			
1F32 DK08556-01	NISHITANI, JUNKO	MOLECULAR BIOLOGY	28,000
INSTITUTION TOTAL	1		
HARVARD UNIVERSITY			
1F32 GM14252-01	FERGUSON, STEPHEN B	MOLECULAR BIOLOGY	22,700
1F32 GM14216-01	LEE, JONATHAN P	MOLECULAR BIOLOGY	31,200
INSTITUTION TOTAL	2		
MASSACHUSETTS GENERAL HOSPITAL			
1F32 GM14271-01	GREENSTEIN, DAVID I	DEVELOPMENTAL BIOLOGY	28,600
INSTITUTION TOTAL	1		
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1F32 DC00053-01	WHITE, JOEL	NEUROBIOLOGY	22,700
INSTITUTION TOTAL	1		
CITY TOTAL	5		

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
HARVARD UNIVERSITY			
1F32 GM14217-01	BAIN, JAMES D	MOLECULAR BIOLOGY	21,600
1F32 GM14226-01	BARTON, NELSON R	DEVELOPMENTAL BIOLOGY	21,600
1F32 GM14499-01	DOMBROSKI, MARK A	ORGANIC CHEMISTRY	21,600
1F32 GM14227-01	JARRELL, KEVIN A	MOLECULAR BIOLOGY	29,900
INSTITUTION TOTAL 4 94,700			
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1F32 GM14191-01	FREED, LISA E	BIOMATERIALS	28,600
1F32 GM14263-01	HOFMEISTER, GRETCHEN E	ORGANIC CHEMISTRY	21,600
1F32 GM14335-01	SPIITZNER, JEFFREY R	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL 3 71,800			
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH			
1F32 GM13933-01A1	LAHUE, ELAINE E	DEVELOPMENTAL BIOLOGY	22,700
INSTITUTION TOTAL 1 22,700			
CITY TOTAL 8 189,200			
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC.			
1F32 GM14301-01	STEBBINS-BOAZ, BARBARA	DEVELOPMENTAL BIOLOGY	22,700
INSTITUTION TOTAL 1 22,700			
CITY TOTAL 1 22,700			
WALTHAM			
BRANDEIS UNIVERSITY			
1F32 GM14328-01	VASQUEZ, JOHN R	BIOCHEMISTRY	21,600
INSTITUTION TOTAL 1 21,600			
CITY TOTAL 1 21,600			
STATE TOTAL 15 366,700			
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1F31 NR06642-01	BEEL-BATES, CYNTHIA A	NURSING	12,800

NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1F31 NR06658-01 POHL, JOANNE M 1F32 GM14279-01 WESTON, BRENT W		NURSING MOLECULAR BIOLOGY	12,800 32,500
INSTITUTION TOTAL CITY TOTAL	3 3		58,100 58,100
EAST LANSING MICHIGAN STATE UNIVERSITY 1F32 ES05527-01 BAILIE, MARC B		TOXICOLOGY	29,900
INSTITUTION TOTAL CITY TOTAL	1 1		29,900 29,900
STATE TOTAL	4		88,000
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY 1F32 HD07464-01 TANNER, JOHN W		ENDOCRINOLOGY	28,600
INSTITUTION TOTAL CITY TOTAL	1 1		28,600 28,600
STATE TOTAL	1		28,600
NEVADA RENO UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA 1F32 HD07448-01 BRADLEY, MICHAEL E		PHARMACOLOGY	21,600
INSTITUTION TOTAL CITY TOTAL	1 1		21,600 21,600
STATE TOTAL	1		21,600
NEW JERSEY PRINCETON PRINCETON UNIVERSITY 1F32 GM14324-01 MUKERJI, ISHITA		PHYSICAL CHEMISTRY	21,600
INSTITUTION TOTAL	1		21,600

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	21,600	
STATE TOTAL	1	21,600	
NEW YORK			
NEW YORK			
CITY UNIVERSITY OF NEW YORK--GRADUATE SCHOOL AND UNIVERSITY CENTER			
1F06 TW01663-01	REVENSON, TRACEY A	SOCIAL/BEHAVIORAL SCIENCES	9,542
INSTITUTION TOTAL	1	9,542	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1F32 GM14219-01	HALL, ANNE L	DEVELOPMENTAL BIOLOGY	22,700
1F32 GM14297-01	SMALL, STEPHEN J	MOLECULAR BIOLOGY	28,600
INSTITUTION TOTAL	2	51,300	
ROCKEFELLER UNIVERSITY			
1F32 AI08429-01	DEJONG, JEFF L	MOLECULAR BIOLOGY	21,000
1F32 GM14268-01	WENTE-HARDY, SUSAN R	MOLECULAR BIOLOGY	28,600
INSTITUTION TOTAL	2	49,600	
CITY TOTAL	5	110,442	
STATE TOTAL	5	110,442	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
1F32 GM14266-01	KASSENBRICK, CHARLES K	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	1	22,700	
CITY TOTAL	1	22,700	
STATE TOTAL	1	22,700	
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
1F06 TW01652-01	GILMORE, MICHAEL S	MICROBIOLOGY	11,386
INSTITUTION TOTAL	1	11,386	
CITY TOTAL	1	11,386	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
OREGON			
EUGENE			
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON			
1F32 GM14329-01	BAUERLE, CYNTHIA M	MOLECULAR BIOLOGY	21,600
1F32 GM14196-01	MYERS, RICHARD S	GENETICS	22,700
INSTITUTION TOTAL 2 44,300			
CITY TOTAL 2 44,300			
STATE TOTAL 2 44,300			
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
1F32 GM14327-01	EDELMAN, JONATHAN M	MOLECULAR BIOLOGY	35,300
1F31 NR06623-01	JENKINS, MELINDA L	NURSING	12,800
INSTITUTION TOTAL 2 48,100			
CITY TOTAL 2 48,100			
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK			
1F32 GM14284-01	BEBOU, DEBORAH C	BIOCHEMISTRY	21,600
1F32 GM13853-01A1	HARRISON, BETH C	MOLECULAR BIOLOGY	21,600
INSTITUTION TOTAL 2 43,200			
CITY TOTAL 2 43,200			
STATE TOTAL 4 91,300			
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
1F32 HD07319-01A1	WIBBELS, THANE R	ZOOLOGY	28,600
INSTITUTION TOTAL 1 28,600			
CITY TOTAL 1 28,600			

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS			
1F32 GM14215-01	PPAFFLE, PATRICK K	MOLECULAR BIOLOGY	22,700
INSTITUTION TOTAL	1		22,700
CITY TOTAL	1		22,700
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
1F32 HD07484-01	CLEMENS, JEFFREY W	CELL BIOLOGY	21,600
INSTITUTION TOTAL	1		21,600
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
1F32 AI08403-01	FLOYD, EUGENIA	INTERNAL MEDICINE	32,500
INSTITUTION TOTAL	1		32,500
CITY TOTAL	2		54,100
STATE TOTAL	4		105,400
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE			
1F32 HD07479-01	AKERBLOM, INGRID E	GENETICS	22,700
1F32 DC00057-01	WARCHOL, MARK E	COMMUNICATIVE SCIENCES	22,700
INSTITUTION TOTAL	2		45,400
CITY TOTAL	2		45,400
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
1F31 NR06637-01	CERIA, CLEMENTINA	NURSING	12,800
INSTITUTION TOTAL	1		12,800
CITY TOTAL	1		12,800
STATE TOTAL	3		58,200
WASHINGTON			
SEATTLE			
CHILDREN'S HOSPITAL AND MEDICAL CENTER			
1F32 HD07468-01	MELVIN, ANN J	GENETICS	31,200

NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL	1	31,200	
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER 1F32 AI08427-01 SHARMEEN, LAMIA		VIROLOGY	31,750
INSTITUTION TOTAL	1	31,750	
UNIVERSITY OF WASHINGTON 1F32 DC00055-01 OESTERLE, ELIZABETH C		NEUROBIOLOGY	29,900
INSTITUTION TOTAL	1	29,900	
CITY TOTAL	3	92,850	
STATE TOTAL	3	92,850	
WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1F32 GM14177-01 CHYLLA, RODGER A 1F32 GM14221-01 KAMATH-LOEB, ASHWINI S 1F32 HD07478-01 MALAYER, JERRY R		BIOPHYSICS MICROBIOLOGY BIOCHEMISTRY	21,600 28,600 22,700
INSTITUTION TOTAL	3	72,900	
CITY TOTAL	3	72,900	
STATE TOTAL	3	72,900	
AUSTRALIA NEWCASTLE UNIVERSITY OF NEWCASTLE 1F06 TW01643-01 DIETRICH, ALLEN J		HEALTH ADMINISTRATION AND PUBLIC HEALTH NURSING	18,368
INSTITUTION TOTAL	1	18,368	
CITY TOTAL	1	18,368	
STATE TOTAL	1	18,368	
FRANCE STRASBOURG NATIONAL CENTER FOR SCIENTIFIC RESEARCH--LABORATORY DE GENETIQUE MOLEculaire DES EUCARYOTES 1F32 GM14287-01 SHEMSHEDINI, LIRIM		BIOLOGY	19,700

NIH
RESEARCH FELLOWSHIP AWARDS

DOLLARS
AWARDED

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
INSTITUTION TOTAL	1		19,700
CITY TOTAL	1		19,700
STATE TOTAL	1		19,700
UNITED KINGDOM			
CAMBRIDGE			
MEDICAL RESEARCH COUNCIL			
1F32 GM14315-01			
GOTTLIEB, ELLEN			
INSTITUTION TOTAL	1	MOLECULAR BIOLOGY	26,900
CITY TOTAL	1		26,900
STATE TOTAL	1		26,900
TOTAL	80		1,888,611

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
CEDARS-SINAI MEDICAL CENTER			
1K08 DK01949-01A1	HERMAN-BONERT, VIVIEN S	PATHOGENESIS OF HUMAN PITUITARY ADENOMAS	73,915
INSTITUTION TOTAL	1		73,915
CITY TOTAL	1		73,915
SAN DIEGO			
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1K11 HL02563-01	MOULTON, KAREN	REGULATION OF MACROPHAGE DEVELOPMENT	73,931
INSTITUTION TOTAL	1		73,931
CITY TOTAL	1		73,931
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
1K11 HL02555-01	CONKLIN, BRUCE R	MUTANT G PROTEINS REVEAL SIGNALING PATHWAYS	91,899
1K11 EY00310-01A1	DEAN, DEBORAH A	CHLAMYDIA OCULAR INFECTIONS, MOLECULAR EPIDEMIOLOGY	65,664
INSTITUTION TOTAL	2		157,563
CITY TOTAL	2		157,563
STATE TOTAL	4		305,409
INDIANA			
NOTRE DAME			
UNIVERSITY OF NOTRE DAME			
1K04 AI01006-01	FRASER, MALCOLM J	TRANSPOSON MUTAGENESIS OF NUCLEAR POLYHEDROSIS VIRUSES	63,720
INSTITUTION TOTAL	1		63,720
CITY TOTAL	1		63,720
STATE TOTAL	1		63,720
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
1K08 HL02543-01	CARROLL, JOHN L	CAROTID BODY IN THE DEVELOPMENT OF BREATHING CONTROL	64,981
1K11 AG00470-01A1	LOURY, MARK C	ODORANT BINDING PROTEIN IN THE AGED OLFACTORY SYSTEM	78,840
1K08 HL02539-01	SILVERMAN, HOWARD S	CELLULAR MECHANISMS OF POST-HYPOXIC CARDIAC DYSFUNCTION	64,979
INSTITUTION TOTAL	3		208,800

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MARYLAND			
BALTIMORE			
KENNEDY INSTITUTE, INC.			
1K08 NS01482-01	TRESCHER, WILLIAM H	EXCITATORY NEUROTRANSMITTER INJURY IN DEVELOPING BRAIN	79,380
INSTITUTION TOTAL 1 79,380			
CITY TOTAL 4 288,180			
STATE TOTAL 4 288,180			
MASSACHUSETTS			
BOSTON			
BRIGHAM AND WOMEN'S HOSPITAL			
1K08 DK02020-01	FAJTOVA, VERA T	CA+2 SENSING IN A CALCITONIN SECRETING CELL LINE	90,720
1K04 HL02566-01	GANZ, PETER	ENDOTHELIAL DYSFUNCTION IN CORONARY ATHEROSCLEROSIS	67,500
INSTITUTION TOTAL 2 158,220			
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1K08 HL02542-01	ERBAN, JOHN K	RECEPTOR FOR FIBRIN ON ENDOTHELIAL CELLS	75,060
INSTITUTION TOTAL 1 75,060			
CITY TOTAL 3 233,280			
STATE TOTAL 3 233,280			
MISSOURI			
SAINT LOUIS			
WASHINGTON UNIVERSITY			
1K08 HL02558-01	ROSEN, GLENN D	CHARACTERIZA. OF DIF. FORMS OF ALPHA 4 BETA 1 INTEGRIN	59,969
1K04 DK01978-01	TOLLEFSEN, SHERIDA E	STRUCTURE DEFINITION OF IGF I RECEPTOR FUNCTIONAL DOMAIN	61,001
INSTITUTION TOTAL 2 120,970			
CITY TOTAL 2 120,970			
STATE TOTAL 2 120,970			
NEW YORK			
NEW YORK			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1K11 DK02009-01	WOLOSCHAK, MICHAEL	ANALYSIS OF HUMAN POMC PROMOTER FUNCTION	77,220
INSTITUTION TOTAL 1 77,220			

NIH RESEARCH CAREER PROGRAM AWARDS		PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
GRANT NUMBER	AWARDEE		
NEW YORK NEW YORK CORNELL UNIVERSITY MEDICAL CENTER 1K04 HL02541-01	ASCH, ADAM S	STRUCTURE & FUNCTION OF THE TSP-GPIV SYSTEM	69,885
INSTITUTION TOTAL	1		69,885
CITY TOTAL	2		147,105
STATE TOTAL	2		147,105
OHIO TOLEDO UNIVERSITY OF TOLEDO 1K04 NS01493-01	MESSER, WILLIAM S, JR	MULTIDISCIPLINARY STUDIES OF MUSCARINIC RECEPTORS (RCDA)	67,118
INSTITUTION TOTAL	1		67,118
CITY TOTAL	1		67,118
STATE TOTAL	1		67,118
OREGON EUGENE OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1K04 NS01473-01	WEEKS, JANIS C	METAMORPHIC CHANGES IN NEURONAL FORM AND FUNCTION	71,280
INSTITUTION TOTAL	1		71,280
CITY TOTAL	1		71,280
STATE TOTAL	1		71,280
PENNSYLVANIA PITTSBURGH UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1K08 DK02014-01	DOHANICS, JANOS	DETERMINANTS OF MAGNOCELLULAR SURVIVAL AFTER INJURY	63,084
INSTITUTION TOTAL	1		63,084
CITY TOTAL	1		63,084
STATE TOTAL	1		63,084
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1K08 HD00943-01	KOLP, LISA A	MECHANISMS SUBSERVING THE PREOVULATORY LH SURGE	66,096

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RESEARCH CAREER PROGRAM AWARDS

DOLLARS
AWARDED

PRINCIPAL AREA OF RESEARCH

AWARDEE

GRANT NUMBER

INSTITUTION TOTAL 1 66,096
CITY TOTAL 1 66,096
STATE TOTAL 1 66,096

WASHINGTON
SEATTLE

FRED HUTCHINSON CANCER RESEARCH CENTER
1K08 AI01012-01 WILLERFORD, DENNIS M

ROLE OF MEMORY T CELLS IN THE PATHOGENESIS OF AIDS

62,830

INSTITUTION TOTAL 1 62,830

UNIVERSITY OF WASHINGTON
1K12 AG00503-01 ABRASS, ITAMAR B

GERIATRIC ACADEMIC PROGRAM AWARD

192,265

INSTITUTION TOTAL 1 192,265
CITY TOTAL 2 255,095

STATE TOTAL 2 255,095

TOTAL 22 1,681,337

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